TREASURY DEPARTMENT.—U. S. MARINE-HOSPITAL SERVICE.

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PUBLIC HEALTH REPORTS.

UNITED STATES.

[Reports to the Surgeon-General United States Marine-Hospital Service.]

Smallpox in Tennessee from February 13, 1899, to February 19, 1902.

NASHVILLE, TENN., *April 1, 1902.*

Following is a statement showing the number of cases of smallpox, white and colored, together with the deaths occurring from this disease in Tennessee during the period from October 1, 1901, to February 19, 1902, and the number of cases on hand in the State February 19; also is given the total number of cases of smallpox and total deaths occurring from this disease, as reported by the board of health of the respective county and city, covering the period from February 13, 1899, to February 19, 1902, and the death rate for each county, and total death rate for the State:

Counties.	White.	Colored.	Total.	Total deaths.	Cases now on hand.	Apr. 1, 1901, to Oct. 1, 1901. Total.		Oct. 1, 1900, to Apr. 1, 1901. Total.		Mar. 5, 1900, to Oct. 1, 1900. Total.		Oct. 1, 1899, to Mar. 5, 1900. Total.		Feb. 13, 1899, to Oct. 1, 1899. Total.		Feb. 13, 1899, to Feb. 19, 1902. Grand total		Death rate.
						Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths	Cases	Deaths.	Cases.	Deaths.	
Anderson						13	1	65								78	1	.01
Bedford								9				8				17		
Benton	15	55	70		1											70		
Bledsoe																		
Blount	151	1	152	1	26	37		13								202	1	.05
Bradley						15		31	1							46		
Campbell	9		9		5	15		65	1	11						100	1	.01
Cannon								9				5				14		
Carroll	10	36	46	2	5	9		131	2			41	1			227	5	.02
Carter																		
Cheatham	1		1					29	1	11	1	25				66	2	.03
Chester		3	3		1			16	1	35						54	1	.02
Claiborne								9				15				24		
Clay																		
Cocke	1	6	7		4	93		60								160		
Coffee						30		101								131		
Crockett	36	30	66					100	1			15				181	2	.01
Cumberland		1	1			15		6		23						45		
Nashville, city (a)	6	4	10															
Davidson	6	7	13			135		226	2	57	1	80	1			a 521	4	.008
Decatur	4	2	6			20		165								191		
DeKalb						14										14		
Dickson	1	1	2			40		43	1							85		
Dyer	14		14		4	11		10		26		253	6	16		330	6	.02
Fayette	12	31	43	1	1	40		50	1			5		1		139	2	.01
Fentress																		
Franklin		1	1			16		75		31		1				124		
Gibson	20	29	49		6	10		103		26		225	1			413	1	.002
Giles	25	2	27	1	4	62		13		81		80	1	53		316	2	.006
Grainger						13	1	16								29	1	.03
Greene						25	1	23								48	1	.02
Grundy								5		41	1	31	1			77	2	.02
Hamblen						33		40		30	1					103	1	.01
Chattanooga, city (a)	2	3	5															

a Includes city.

Smallpox in Tennessee from February 13, 1899, to February 19, 1902—Continued.

Counties.	White.	Colored.	Total.	Total deaths.	Cases now on hand.	Apr. 1, 1901, to Oct. 1, 1901. Total. Cases.	Apr. 1, 1901, to Oct. 1, 1901. Total. Deaths.	Oct. 1, 1900, to Apr. 1, 1901. Total. Cases.	Oct. 1, 1900, to Apr. 1, 1901. Total. Deaths.	Mar. 5, 1900, to Oct. 1, 1900. Total. Cases.	Mar. 5, 1900, to Oct. 1, 1900. Total. Deaths.	Oct. 1, 1899, to Mar. 5, 1900. Total. Cases.	Oct. 1, 1899, to Mar. 5, 1900. Total. Deaths.	Feb. 13, 1899, to Oct. 1, 1899. Total. Cases.	Feb. 13, 1899, to Oct. 1, 1899. Total. Deaths.	Feb. 13, 1899, to Feb. 19, 1902. Grand total. Cases.	Feb. 13, 1899, to Feb. 19, 1902. Grand total. Deaths.	Death rate.
Hamilton		5	5			174	5	267	10	42		28	2	6		a 527	18	.04
Hancock								26								26		
Hardeman	2	85	87		1	64	2	23				22	5			196	7	.03
Hardin	24	17	41	2		17	1	53						1		112	3	.03
Hawkins		9	9									29				38		
Haywood	3	67	70	4	18	42		16		2		2				132	4	.03
Henderson						17	1	40						1		58	1	.02
Henry	39	26	65		13	61		231	5	150		15		3		525	5	.01
Hickman								24								24		
Houston						23		72	1	14		1				110	1	.01
Humphreys	28	6	34		1	65	1	38								137	1	.007
Jackson	48		48													48		
James						2										2		
Jefferson	17		17		17			147	1							164	1	.006
Johnson												20				20		
Knoxville, city (a)	1		1															
Knox						11		166	2							a 178	2	.01
Lake	10	30	40		3			20	1			70		53	2	183	3	.02
Lauderdale	15	35	50	2	6			30	1	12		219	1	1		312	4	.01
Lawrence		20	20			1				18						39		
Lewis						1		1		1						3		
Lincoln						18		60		13		18				109		
Loudon						1		8								9		
Macon																		
McMinn	2	35	37	1	1	12		3								52	1	.02
McNairy	63	8	71	2	7			65				2				138	2	.02
Madison	48	72	120	3	23	1		108	6	47	2	105	4	121		502	15	.03
Marion						154	3	113	3	113	2	1				381	8	.02
Marshall		5	5			5		10				44				64		
Columbia, city (a)	2	8	10	1	6													
Maury												500	9	14		a 524	10	.02
Meigs						3										3		
Monroe		5	5		2							5				10		
Clarksville, city (a)	1		1		1													
Montgomery	1		1		1			57	15	26		19				a 104	15	.14
Moore																		
Morgan						11										11		
Obion	30	70	100	4	20	60		20		87		28		74		369	4	.01
Overton																		
Perry						47		3								50		
Pickett																		
Polk	12		12		1	12										24		
Putnam	26		26		6			83	4	42	2					151	6	.04
Rhea						8		79	3							87	3	.03
Roane	(b)	(b)	128		2	29		112	2	15						284	2	.007
Robertson	6		6		6	32	4	14	1	12		18				82	5	.06
Murfreesboro, city (a)		7	7															
Rutherford	2	8	10	1	1	70	2	285	4	37				7		a 416	7	.01
Scott								21		1						22		
Sequatchie																		
Sevier						4										4		
Memphis, city (a)	67	28	95	2	31													
Shelby	27	10	37	3	2	221	50	305	22	254	6	430	12	455	6	a 1,797	101	.05
Smith	38		38		7							11				49		
Stewart						1		2								3		
Sullivan												66	1			66	1	.01
Sumner		14	14			2		19				11				46		
Tipton	75	40	115	2	52			58	1			47		30	1	250	4	.10
Trousdale						43						1				44		
Unicoi																		
Union						9										9		
Van Buren																		
Warren								5	2							5	2	.40
Washington	5		5			52		1				29				87		
Wayne								15		3						18		
Weakley	90	37	127		19	10		100	3			65		58	2	360	5	.01
White	30		30					30		2						62		
Williamson	1	47	48			23		52		115		1				239		
Wilson						23		2		11						36		
Total	1,026	906	2,060	33	302	1,975	72	4,197	98	1,389	17	2,591	45	894	11	13,106	276	.02

a Includes city. b Color not given.

Estimated number of persons in Tennessee who have been vaccinated—white and colored.

NASHVILLE, TENN., *April 1, 1902.*

Following is a statement showing the estimated per cent of the white and colored population of the State vaccinated during the past three years; also, the actual number vaccinated as based upon the estimated per cent for each county, together with total per cent for each county as based upon the total number vaccinated:

Counties.	Population according to census of 1900.			Estimated number and per cent vaccinated.					
				White.		Colored.		Total.	
	White.	Colored.	Total.	Number	Per cent.	Number	Per cent.	Number.	Per cent.
Anderson	16,516	1,118	17,634	4,129	.25	279	.25	4,408	.25
Bedford	17,577	6,268	23,845	10,546	.60	626	.10	11,172	.48
Benton (a)	11,348	540	11,888	.....	.....	.....	.....	.....	.....
Bledsoe	6,151	475	6,626	307	.05	14	.03	321	.05
Blount	17,591	1,615	19,206	8,795	.50	484	.30	9,279	.48
Bradley	13,672	2,087	15,759	6,836	.50	834	.40	7,670	.48
Campbell	16,701	616	17,317	1,336	.08	61	.10	1,397	.08
Cannon	11,266	855	12,121	1,126	.10	513	.60	1,639	.13
Carroll	18,669	5,581	24,250	4,667	.25	2,232	.40	6,899	.28
Carter (a)	16,026	662	16,688	.....	.....	.....	.....	.....	.....
Cheatham	8,450	1,662	10,112	2,112	.25	415	.25	2,537	.25
Chester	7,870	2,026	9,896	393	.05	101	.05	494	.05
Claiborne (a)	19,967	729	20,696	.....	.....	.....	.....	.....	.....
Clay (a)	8,053	368	8,421	.....	.....	.....	.....	.....	.....
Cocke	17,892	1,261	19,153	357	.02	151	.12	508	.03
Coffee	13,772	1,802	15,574	826	.06	108	.06	934	.06
Crockett	11,821	4,046	15,867	472	.04	80	.02	552	.03
Cumberland	7,739	572	8,311	928	.12	17	.03	945	.11
Nashville (city)	50,796	30,069	80,865	45,710	.90	27,063	.90	72,779	.90
Davidson	28,092	13,858	41,950	9,832	.35	8,037	.58	17,869	.42
Decatur	9,219	1,220	10,439	460	.05	61	.05	521	.05
DeKalb	15,349	1,111	16,460	2,048	.14	.....	.....	2,048	.12
Dickson	15,716	2,919	18,635	3,457	.22	525	.18	3,982	.21
Dyer	18,034	5,742	23,776	15,328	.85	5,168	.90	20,496	.86
Fayette	8,019	21,682	29,701	4,009	.50	8,672	.40	12,681	.43
Fentress (a)	6,081	25	6,106	.....	.....	.....	.....	.....	.....
Franklin	16,953	3,439	20,392	12,715	.75	2,063	.60	14,778	.72
Gibson	29,095	10,313	39,408	21,822	.75	7,735	.75	29,557	.75
Giles	21,629	11,406	33,035	16,222	.75	6,843	.60	23,065	.63
Grainger	14,862	650	15,512	1,486	.10	65	.10	1,551	.10
Greene	29,027	1,569	30,596	1,451	.05	.....	.....	1,451	.05
Grundy	7,487	315	7,802	1,872	.25	31	.10	1,903	.25
Hamblen	10,916	1,812	12,728	8,187	.75	1,359	.75	9,546	.75
Chattanooga (city)	17,032	13,122	30,154	4,258	.25	4,592	.35	8,850	.29
Hamilton	25,155	6,386	31,541	5,031	.20	1,915	.30	6,946	.22
Hancock (a)	10,874	273	11,147	.....	.....	.....	.....	.....	.....
Hardeman	12,771	10,205	22,976	9,579	.75	7,654	.75	17,233	.75
Hardin	16,568	2,678	19,246	331	.02	133	.05	464	.02
Hawkins	22,113	2,154	24,267	13,267	.60	1,077	.50	14,344	.59
Haywood	8,109	17,080	25,189	1,621	.20	854	.05	2,475	.09
Henderson	15,480	2,637	18,117	154	.01	448	.17	602	.03
Henry	18,209	5,999	24,208	4,552	.25	1,799	.30	6,351	.26
Hickman	13,756	2,611	16,367	687	.05	130	.05	817	.05
Houston	5,420	1,056	6,476	4,065	.75	897	.85	4,962	.77
Humphreys	11,883	1,515	13,398	3,564	.30	378	.25	3,942	.29
Jackson	14,569	470	15,039	145	.01	4	.01	149	.01
James	4,901	506	5,407	245	.05	10	.02	255	.05
Jefferson	16,416	2,174	18,590	656	.04	43	.02	699	.04
Johnson	10,221	368	10,589	2,553	.25	36	.10	2,589	.24
Knoxville (city)	25,278	7,359	32,637	24,773	.98	7,212	.98	31,985	.98
Knox	37,247	4,418	41,665	2,379	.08	220	.05	2,599	.06
Lake	5,384	1,984	7,368	807	.15	198	.10	1,005	.13
Lauderdale	11,802	10,169	21,971	7,081	.60	5,084	.50	12,165	.55
Lawrence	14,435	967	15,402	433	.03	29	.03	462	.03
Lewis	4,063	392	4,455	81	.02	7	.02	88	.02
Lincoln	20,220	6,084	26,304	10,110	.50	3,650	.60	13,760	.52
Loudon (b)	9,471	1,367	10,838	.....	.....	.....	.....	.....	.....
Macon	12,007	874	12,881	240	.02	17	.02	257	.02
McMinn	17,165	1,998	19,163	4,291	.25	99	.05	4,390	.23
McNairy (b)	15,318	2,442	17,760	.....	.....	.....	.....	.....	.....
Madison	19,572	16,761	36,333	9,786	.50	6,704	.40	16,490	.45
Marion	15,176	2,105	17,281	3,799	.25	631	.30	4,430	.26
Marshall	14,503	4,260	18,763	10,878	.75	1,491	.35	12,369	.66

a Reported "no estimate." b No report made.

Estimated number of persons in Tennessee who have been vaccinated—Continued.

Counties.	Population according to census of 1900.			Estimated number and per cent vaccinated.					
				White.		Colored.		Total.	
	White.	Colored.	Total.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Columbia (city)	3,336	2,716	6,052	3,002	.90	2,037	.75	5,039	.83
Maury	21,203	15,448	36,651	12,721	.60	11,586	.75	24,307	.66
Meigs	6,828	663	7,491	136	.02	13	.02	149	.02
Monroe	17,355	1,230	18,585	347	.02	24	.02	371	.02
Clarksville (city)	4,330	5,101	9,431	866	.20	1,785	.35	2,651	.24
Montgomery	15,522	11,064	26,586	3,104	.20	1,106	.10	4,210	.16
Moore	5,237	469	5,706	261	.05	23	.05	284	.05
Morgan	8,987	600	9,587	449	.05	.....	.....	449	.04
Obion	23,444	4,842	28,286	17,583	.75	3,873	.80	21,456	.76
Overton (a)	13,072	281	13,353	.....	.....	.....	.....	.....	.....
Perry	8,135	665	8,800	813	.10	133	.20	946	.11
Pickett (a)	5,355	11	5,366	.....	.....	.....	.....	.....	.....
Polk	11,054	303	11,357	2,210	.20	.....	.....	2,210	.19
Putnam	16,122	768	16,890	1,613	.10	384	.50	1,997	.12
Rhea	12,440	1,878	14,318	3,732	.30	751	.40	4,483	.31
Roane	20,113	2,625	22,738	8,045	.40	1,050	.40	9,095	.40
Robertson	18,207	6,822	25,029	10,924	.60	3,411	.50	14,335	.57
Rutherford	20,572	12,971	33,543	12,343	.60	9,729	.75	22,072	.65
Scott (a)	10,742	335	11,077	.....	.....	.....	.....	.....	.....
Sequatchie (a)	3,289	37	3,326	.....	.....	.....	.....	.....	.....
Sevier	21,456	565	22,021	3,218	.15	28	.05	3,246	.16
Memphis (city)	52,380	49,940	102,320	47,142	.90	44,946	.90	92,088	.90
Shelby	16,374	34,863	51,237	13,099	.80	20,917	.60	34,016	.66
Smith	16,018	3,008	19,026	1,601	.10	90	.03	1,691	.09
Stewart	12,872	2,352	15,224	7,723	.60	1,176	.50	8,899	.58
Sullivan	23,370	1,565	24,935	4,674	.20	313	.20	4,987	.20
Sumner	19,394	6,678	26,072	7,757	.40	1,669	.25	9,426	.36
Tipton	15,307	13,966	29,273	11,481	.75	8,379	.60	19,860	.68
Trousdale	3,971	2,033	6,004	595	.15	304	.15	899	.15
Unicoi (a)	5,721	130	5,851	.....	.....	.....	.....	.....	.....
Union	12,815	79	12,894	3,204	.25	60	.75	3,264	.26
Van Buren	3,071	55	3,126	1,228	.40	11	.20	1,239	.40
Warren	14,336	2,074	16,410	2,867	.20	310	.15	3,177	.19
Washington	20,456	2,148	22,604	5,114	.25	644	.30	5,758	.26
Wayne	11,792	1,144	12,936	117	.01	11	.01	128	.01
Weakley	28,318	4,228	32,546	2,832	.10	422	.10	3,254	.10
White	13,133	1,024	14,157	394	.03	10	.01	404	.03
Williamson	16,765	9,664	26,429	2,514	.15	966	.10	3,480	.13
Wilson	19,820	7,258	27,078	9,910	.50	2,177	.30	12,087	.45
Total	1,540,186	480,430	2,020,616	516,420	.36	237,197	.50	753,617	.41

a Reported "no estimate."

NOTE.—In arriving at the total percentages we omitted the population of counties from which no reports were received.

Arrival at Baltimore of vessels from South American and West Indian ports.

BALTIMORE, MD., *April 19, 1902.*

SIR: I have to report the arrival of the following vessels at this port for the week ended this day:

April 14, British steamship *Tugela*, from Rio de Janeiro, with ore. April 15, British steamship *Firth of Forth*, from Rio de Janeiro, with ore. April 16, American barkentine *Josephine*, from Rio de Janeiro, with coffee. April 17, British steamship *Taff*, from Banes, Cuba, with fruit.

Respectfully,

WM. F. STONE,
Collector.

Arrival at Reedy Island Quarantine of vessels from West Indian ports.

REEDY ISLAND QUARANTINE,
via Port Penn, Del., April 13, 1902.

SIR: Through the medical officer in command of national quarantine service on Delaware Bay and River, I have the honor to report the arrival at this station of the following vessels: April 10, British steam-

ship *Circassian Prince*, from Havana, with molasses; no passengers; bill of health signed by Surgeon Glennan. April 11, British steamship *Russian Prince*, from Havana, with molasses; no passengers; bill of health signed by Surgeon Glennan. April 12, American schooner *George May*, from Havana, with iron; no passengers; bill of health signed by Surgeon Glennan; British schooner *M. D. S.*, from Havana, with iron; no passengers; bill of health signed by Surgeon Glennan.

Respectfully, T. F. RICHARDSON,
Assistant Surgeon, U. S. M. H. S., In Command.

Inspection service at Eastport, Me.

EASTPORT, ME., *April 17, 1902.*

SIR: I beg to submit the following report of work done at this inspection station during the week ended Thursday, April 17, 1902:

Vessels inspected.

Date.	Vessel.	From.	For.	Crew.	Passengers.	
					For Eastport.	In transit.
Apr. 11	Ss. Aurora.	St Stephen, New Brunswick.	Eastport and Grand Manan, New Brunswick.	8	3	3
Do	Ss H. F. Eaton	Calais, Me	Eastport	10	13	
Apr. 12	Ss. St. Croix.	Boston	Eastport and St. John, New Brunswick.	61	15	40
Apr. 14	Sc. Orizimbo	New York	Eastport	5		
Apr. 15	Sc. Viola May	Portland, Me.	do	5		
Do	Ss. H. F. Eaton	Calais, Me	do	10	8	
Do	Ss. Viking	St Stephen, New Brunswick.	do	6	15	
Do	Sc. Spartel	New York	do	5		
Do	Sc. Sarah Reed	do	do	5		
Do	Sc. Annie Gus	do	do	4		
Apr. 16	Sc. Judge Lowe	do	do	4		
Do	Ss. H. F. Eaton	Calais, Me	do	10	15	
Do	Ss. Aurora	St. John, New Brunswick.	Eastport and Grand Manan, New Brunswick.	8	6	7

The steamship *St. Croix* was unable to make her customary trip from Boston and Portland owing to loss of a fan from the propeller.

Respectfully, EDWARD M. SMALL,
Acting Assistant Surgeon, U. S. M. H. S.

REPORTS FROM THE MEXICAN BORDER.

Eagle Pass, Tex., April 14, 1902—Inspection service.—I have the honor to report the following transactions at this port for the week ended April 12, 1902: Number of passenger trains from Mexico inspected, 8; number of passengers on trains from Mexico inspected and passed, 226; number of passengers detained, none.

B. KINSELL,
Acting Assistant Surgeon, U. S. M. H. S.

El Paso, Tex., April 12, 1902—Inspection service.—I have the honor to transmit herewith summary of transactions at this station for the week ended April 12, 1902. Inspection of Mexican Central Railroad passengers, 229; inspection of Rio Grande and Pacific Railroad passengers, 16; inspection on private train from Mexico of 30 passengers;

inspection of immigrants, 109; disinfection of soiled linen imported for laundry work, 477 pieces; vaccination of children of immigrants, 12.

E. ALEXANDER,
Acting Assistant Surgeon, U. S. M. H. S.

Laredo, Tex., April 13, 1902—Inspection service.—I have the honor to submit the following report of transactions at this station for the week ended April 12, 1902: Number of passenger trains entering from Mexico inspected, 14; persons inspected on trains entering from Mexico, passed 577; detained April 8, 1 person, two days out from Vera Cruz, Mexico—detained necessary time at detention camp; immigrants inspected and passed, 47; immigrants vaccinated upon entry, 12.

H. J. HAMILTON,
Acting Assistant Surgeon, U. S. M. H. S.

Statistical reports of States and cities of the United States—Yearly and monthly.

ALABAMA—*Mobile.*—Month of February, 1902. Census population, 38,469. Total number of deaths, 91, including enteric fever, 1, and 15 from tuberculosis.

CALIFORNIA—*Oakland.*—Month of February, 1902. Estimated population, 75,000. Total number of deaths, 98, including diphtheria, 1; enteric fever, 1; scarlet fever, 1, and 9 from tuberculosis.

Month of March, 1902. Estimated population, 75,000. Total number of deaths, 74, including diphtheria, 5, and 7 from tuberculosis.

CONNECTICUT.—Reports to the State board of health for the month of March, 1902, from 166 towns having an aggregate census population of 905,957, show a total of 1,239 deaths, including diphtheria, 18; enteric fever, 6; measles, 1; scarlet fever, 20; whooping cough, 11; smallpox, 1, and 140 from phthisis pulmonalis.

INDIANA—*Evansville.*—Month of March, 1902. Estimated population, 65,000. Total number of deaths, 65, including 13 from tuberculosis.

KANSAS—*Wichita.*—Two weeks ended April 12, 1902. Estimated population, 26,000. Total number of deaths, 13, including 2 from tuberculosis.

MARYLAND—*Baltimore.*—Month of March, 1902. Estimated population, 525,000—white, 445,000; colored, 80,000. Total number of deaths, 849—white, 625; colored, 224—including diphtheria, 6; enteric fever, 5; measles, 1; scarlet fever, 1; smallpox, 3, and 115 from tuberculosis.

MASSACHUSETTS—*Holyoke.*—Month of February, 1902. Census population, 45,712. Total number of deaths, 62, including diphtheria, 3; enteric fever, 2; measles, 2, and 11 from tuberculosis.

Month of March, 1902. Total number of deaths, 64, including diphtheria, 2; enteric fever, 1, and 14 from tuberculosis.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended April 12, 1902, from 75 observers, indicate that measles and meningitis were more prevalent and pleuritis, inflammation of

kidneys, remittent fever, enteric fever, whooping cough, and diphtheria were less prevalent than in the preceding week. Meningitis was reported present at 6, whooping cough at 15, diphtheria at 21, enteric fever at 32, measles at 80, scarlet fever at 84, smallpox at 133, and phthisis pulmonalis at 215 places.

MINNESOTA—*Minneapolis.*—Month of March, 1902. Estimated population, 240,000. Total number of deaths, 214, including diphtheria 5; enteric fever 8; measles, 2; scarlet fever, 2; whooping cough, 2, and 27 from tuberculosis.

NEW HAMPSHIRE—*Manchester.*—Month of February, 1902. Census population, 56,987. Total number of deaths, 86, including enteric fever, 1; whooping cough, 1, and 9 from tuberculosis.

Month of March, 1902. Total number of deaths, 97, including diphtheria, 1, and 10 from tuberculosis.

NEW YORK—*Auburn.*—Month of March, 1902. Estimated population, 35,000. Total number of deaths, 35, including whooping cough, 2, and 5 from phthisis pulmonalis.

Buffalo.—Month of March, 1902. Census population, 352,387. Total number of deaths, 520, including diphtheria, 13; enteric fever, 8; measles, 15; whooping cough, 1, and 57 from tuberculosis.

Rochester.—Month of March, 1902. Census population, 162,608. Total number of deaths, 176, including diphtheria, 3; scarlet fever, 3, and 16 from phthisis pulmonalis.

PENNSYLVANIA—*Columbia.*—Four weeks ended April 14, 1902. Census population, 12,316. Total number of deaths, 17, including enteric fever, 1, and 1 from phthisis pulmonalis.

York.—Four weeks ended April 5, 1902. Estimated population, 37,000. Total number of deaths, 50, including measles, 1; scarlet fever, 1; whooping cough, 1; smallpox, 3, and 4 from tuberculosis.

RHODE ISLAND—*Newport.*—Month of March, 1902. Estimated population, 23,000. Total number of deaths, 30, including 5 from phthisis pulmonalis.

TENNESSEE—*Nashville.*—Month of March, 1902. Estimated population, 81,320—white, 51,128; colored, 30,192. Total number of deaths, 150—white, 63; colored, 87—including enteric fever, 1; scarlet fever, 2, and 19 from tuberculosis.

UTAH—*Ogden.*—Month of March, 1902. Estimated population, 20,000. Total number of deaths, 23, including 1 from scarlet fever.

Salt Lake City.—Month of March, 1902. Census population, 53,531. Total number of deaths, 75, including diphtheria, 3; scarlet fever, 4, and 4 from tuberculosis.

Report of immigration at Baltimore for the week ended April 12, 1902.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Baltimore, April 12, 1902.

Number of alien immigrants who arrived at this port during the week ended April 12, 1902; also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of immigrants.
Apr. 8	Steamship Brookline	Port Antonio	2
Apr. 9	Steamship Uller	do	1
Apr. 12	Steamship Dresden	Bremen	1,474
	Total		1,477

LOUIS T. WEIS,
Commissioner.

Report of immigration at Boston for the week ended April 12, 1902.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, April 13, 1902.

Number of alien immigrants who arrived at this port during the week ended April 12, 1902; also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of immigrants
Apr. 6	Steamship Boston	Yarmouth Nova Scotia	282
Do	Steamship New England	Liverpool, England	855
Apr. 7	Steamship Admiral Dewey	Port Morant, Jamaica	4
Apr. 10	Steamship Captain Bennett	Port Antonio, Jamaica	1
Do	Steamship Boston	Yarmouth, Nova Scotia	236
Do	Steamship Halifax	Halifax, Nova Scotia	71
Do	Steamship Devonian	London, England	3
Do	Steamship Kingstonian	Liverpool, England	4
	Total		1,456

GEORGE B. BILLINGS,
Commissioner.

Report of immigration at New York for the week ended April 12, 1902

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of New York, April 15, 1902

Number of alien immigrants who arrived at this port during the week ended April 12, 1902; also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of immigrants
Apr. 6	Steamship St. Louis	Southampton	463
Do	Steamship Neustria	Naples	898
Do	Steamship Arcadia	Hamburg	1,118
Do	Steamship L'Aquitaine	Havre	1,052
Apr. 7	Steamship Patria	Azores	667
Do	Steamship Coleridge	Rio de Janeiro	178
Apr. 8	Steamship Vaderland	Antwerp	899
Do	Steamship Citta di Genoa	Naples	1,401
Do	Steamship Amsterdam	Rotterdam	659
Apr. 9	Steamship Trave	Genoa and Naples	889
Do	Steamship Friedrich der Grosse	Bremen	1,404
Apr. 10	Steamship Deutschland	Hamburg	411
Do	Steamship Pennland	Antwerp	712
Do	Steamship Victoria	Naples	1,065
Apr. 11	Steamship Carthaginian	Glasgow	183
Do	Steamship Germanic	Liverpool and Queenstown	717
Apr. 12	Steamship Philadelphia	Southampton	482
Do	Steamship Citta di Milano	Genoa and Naples	1,490
	Total		14,688

THOMAS FITCHIE.
Commissioner.

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
	UNITED STATES:				
1	Alexandria, Va	Apr. 19			
2	Apalachicola, Fla	do			
3	Beaufort, N. C	do			
4	Biscayne Bay, Fla	Apr. 12			
5	Boca Grande, Fla	do			
6	Brunswick, Ga	Apr. 19			
7	Cape Charles, Va	do			
8	Cape Fear, N. C	Apr. 12	Nor. bk. Arabella (a)	Mar. 30	Algoa Bay
9	Cedar Key, Fla	Apr. 19			
10	Columbia River, Oreg	Apr. 12			
11	Cumberland Sound, Fla	Apr. 19			
12	Delaware Breakwater Quarantine, Lewes, Del.	Apr. 12			
13	Dutch Harbor, Alaska				
14	Eureka, Cal	Apr. 5			
15	Grays Harbor, Wash	Apr. 12			
16	Gulf Quarantine, Ship Island, Miss.	do	Nor. bk. Magellan (a)	Mar. 7	Rio de Janeiro via Barbados.
			Rus. bk. Europa (a)	Mar. 31	Cape Town
			Rus. bktn. Betty	Apr. 8	Pernambuco
			Br. ss. Darwin	Apr. 9	Rio de Janeiro
17	Key West, Fla	do			
18	Los Angeles, Cal	do			
19	Newbern, N. C	Apr. 19			
20	Nome, Alaska				
21	Pascagoula, Miss	Apr. 12			
22	Port Angeles, Wash	Apr. 5			
23	Portland, Me	Apr. 12			
24	Port Townsend, Wash	do	Am. bk. Sonoma	Apr. 9	Honolulu
25	Punta Grande, Fla	Apr. 17			
26	Punta Rassa, Fla	do			
27	Reedy Island, Del	Apr. 12			
	St. Georges Sound, Fla.:				
28	East Pass	do			
29	West Pass	do			
30	St. Johns River, Fla	do			
31	San Diego, Cal	do	H. B. M. ss. Shearwater	Apr. 10	Acapulco
32	San Francisco, Cal	do	Am. ss. City of Puebla	Apr. 7	Victoria
			Am. ss. Queen	Apr. 12	do
			Am. ss. Eureka	Apr. 4	Honolulu
33	San Pedro, Cal	do			
34	Santa Rosa, Fla	Apr. 15	It. bk. Titania (a)	Apr. 4	Cape Town
			Ger. ss. Adele (a)	do	Port Elizabeth
			It. bk. Agostino Ripetto	Apr. 9	Biloxi
35	Savannah, Ga	Apr. 12	Nor. bk. Nor (a)	Mar. 26	Havana
			Am. ss. City of Birmingham.	Apr. 6	Savannah
36	South Atlantic Quarantine, Blackbeard Island, Ga.	do			
37	Tampa Bay, Fla	do			
38	Washington, N. C	do			
	CUBA:				
39	Baracoa	Mar. 29			
40	Batabano	Apr. 12			
41	Caibarien	do			
42	Cardenas	do			
43	Casilda	do			

a Previously reported.

and inspection stations.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed
1				No transactions	
2				No report	
3				do	
4				do	
5				No transactions	
6				do	
7				No report	
8	Wilmington	Held for disinfection	Apr. 9		1
9				No report	
10				No transactions	
11				No report	
12					1
13				No report	
14				No transactions	
15				do	
16	Mobile	Disinfected and held			2
	do	do			
	do	do			
	do	do			
17					8
18				No transactions	
19				No report	
20				do	
21					4
22					1
23					1
24	Seattle	Ordered to quarantine	Apr. 9	Glandular region of personnel on Am. sc. James H. Bruce, from Honolulu, examined. Glandular region of forecastle crew and steerage passengers on Am. ss. Victoria from Hongkong, examined.	9
25				No report	
26				do	
27					23
28					3
29				No transactions	
30					1
31	Esquimault via San Diego.	Passed on certificate of medical officer.	Apr. 10		2
32	San Francisco	Boarded and passed	Apr. 7	On certificate	20
	do	do	Apr. 12	do	
	do	Disinfected	Apr. 7	Crew bathed and effects disinfected.	
33				No transactions	
34	Pensacola	Ballast discharged; vessel disinfected.	Apr. 13	1 case malarial fever on Br. sc. Ohio from Cienfuegos.	7
	do	Disinfected			
	do	Boarded and passed	Apr. 9		
35	Wilmington	Subject to quarantine restrictions.	Apr. 8		3
	Savannah	Steerage, forecastle, and adjoining rooms, and clothing of all persons disinfected.	Apr. 7	All on board vaccinated; suspicious case on board during voyage from New York; 14 suspects held two days.	
36				No transactions	
37					4
38				No transactions	
39					4
40				No report	
41					7
42				16 vessels passed without inspection.	2
43					12

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure
	CUBA—*Continued.*				
44	Cienfuegos	Apr. 12			
45	Daiquiri	Apr. 5			
46	Gibara	do			
47	Guantanamo	do			
48	Havana	Apr. 12			
49	Isabela de Sagua	do			
50	Manzanillo	Apr. 5			
51	Matanzas	Apr. 12			
52	Nuevitas	Apr. 5			
53	Puerto Padre	do			
54	Santa Cruz del Sur	Mar. 29			
		Apr. 5			
55	Santiago de Cuba	do			
	HAWAII:				
56	Hilo	Mar. 22			
		Mar. 29			
57	Honolulu	do	U. S. S. Albatross	Mar. 24	San Francisco
			U. S. army transport Meade.	Mar. 27	do
		Apr. 5			
58	Kahului	Mar. 29			
		Apr. 5			
59	Kihei, Maui	Mar. 29			
60	Koloa, Kauai	do			
		Apr. 5			
61	Lahaina	Mar. 29			
		Apr. 5			
	PHILIPPINES:				
62	Cebu	Feb. 22			
		Mar. 1			
63	Iloilo	Feb. 15			
		Mar. 1			
		Mar. 8			
64	Manila	Feb. 22	Am. sc. Evie J. Ray	Feb. 16	Ragang, Borneo
			U. S. army transport Kilpatrick.	Feb. 17	San Francisco
		Mar. 1			
	PORTO RICO:				
65	Ponce	Apr. 5			
66	San Juan	do			
	Subports—				
67	Aguadilla	do			
68	Arecibo	do			
69	Arroyo	do			
70	Fajardo	do			
71	Humacao	do			
72	Mayaguez	do			

and inspection stations—Continued.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
44				4 vessels passed without inspection.	11
45				No report	
46					9
47				No report	
48				do	
49				10 vessels passed without inspection.	4
50				No report	
51				9 vessels passed without inspection.	7
52				2 vessels passed without inspection.	4
53					5
54					5
					5
55				No report	
56					3
					2
57	Honolulu	Passed on surgeon's certificate.	Mar. 24		9
	do	do	Mar. 27		
				Japanese and Chinese steerage passengers on Jap. ss. Hongkong Maru, from Hongkong, examined.	
					7
58				No transactions	
					1
59				No transactions	
60				do	
					1
61				No transactions	
				do	
62					21
					24
63					9
				1 case malaria on Am. ss Gibson from Manila; 1 case fever on Am. ss. Antonio McCloud from Hongkong.	10
64					6
	Hongkong	Held in quarantine	Feb. 20	Beriberi. Mechanically cleaned and disinfected.	58
	Manila	do	Feb. 18	Held and disinfected at request of surgeon; 36 cases measles; personnel and passengers bathed and effects disinfected.	
					73
65					3
66					6
67				No transactions	
68					1
69					1
70				No transactions	
71					2
72					2

Reports from State and

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure
1	Baltimore, Md	Apr. 19			
2	Bangor, Me	do			
3	Boston, Mass	do			
4	Charleston, S. C	Apr. 12			
5	Elizabeth River, Va	Apr. 19			
6	Galveston, Tex	Apr. 12			
7	Gardiner, Oreg	do			
8	Marcus Hook, Pa	Apr. 19			
9	Mobile Bay, Ala	Apr. 12			
10	New Bedford, Mass	Apr. 19			
11	New Orleans, La	Apr. 12	Am. ss. Excelsior	Apr. 6	Havana
			Br. ss. Penrith Castle	do	Santos
			Br. ss. Mount Temple	Apr. 7	Port Elizabeth
			Br. ss. Anselm	do	Belize
			Sp. ss. Oiz	do	Vera Cruz
			Br. ss. Tampican	Apr. 8	Durban
			Am. ss. Algiers	do	Port Limon
			Br. ss. Prtrician	do	East London, South Africa.
			Am. sc. Rita Cue	Apr. 9	Frontera
			It. ss. Il Piemonte	do	Tampico
			Nor. ss. Taunton	Apr. 10	Bocas del Toro
			Br. ss. Beverly	do	Port Limon
			Nor. ss. Alabama	do	do
12	Newport News, Va	Apr. 12			
13	Newport, R. I	do			
14	New York, N. Y	do			
15	Pass Cavallo, Tex	do			
16	Port Royal, S. C	do			
17	Providence, R. I	do			
18	Quintana, Tex	do			
19	Sabine Pass, Tex	do			
20	St. Helena Entrance, S. C	do			

municipal quarantine stations.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed
1				No report	
2				do	
3				do	
4					3
5				No report	
6					4
7				No report	
8				do	
9					9
10				No report	
11	New Orleans	Disinfected	Apr. 6		
	do	Disinfected and held	Apr. 11		
	do	Disinfected	Apr. 7		
	do	do	do		
	do	Disinfected and held	Apr. 12		
	do	Disinfected	Apr. 8		
	do	do	do		
	do	do	do		
	do	Disinfected and held			
	do	do			
	do	Disinfected	Apr. 10		
	do	do	do		
	do	do	do		
12				No report	
13				do	
14				do	
15				do	
16				do	
17				do	
18				do	
19				do	
20				do	

Smallpox in the United States as reported to the Surgeon-General United States Marine-Hospital Service, December 28, 1901, to April 25, 1902.

[For reports received from June 29, 1901, to December 27, 1901, see PUBLIC HEALTH REPORTS for December 27, 1901.]

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Birmingham	Dec. 1-Feb. 28	18		
Mobile	Apr. 8	2		
Total for State		20		
Total for State, same period, 1901.		45	3	
Alaska:				
Hooniah	Dec. 8-Dec. 31	8		
Arizona:				
Naco	Feb. 23	12		
Yuma	Jan. 1	100		Estimated.
Total for Territory		112		
Arkansas:				
Mississippi County	Feb. 18		100	
Pulaski County (including Little Rock).	Jan. 12-Jan. 22	50	1	
Total for State		50	101	
California:				
Humboldt County	Feb. 2	30		
Los Angeles	Dec. 29-Apr. 5	60		
Oakland	Jan. 1-Mar. 31	17		
Sacramento	Feb. 2-Mar. 15	7		
San Diego	Jan. 25-Apr. 1	7		One case on ss. Spokane.
San Francisco	Dec. 16-Apr. 6	133		
Stockton	Jan. 1-Jan. 13	24		
Total for State		278		
Total for State, same period. 1901.		62		
Colorado:				
Arapahoe County (Denver)	Dec. 1-Apr. 12	60		
Archuleta County	Dec. 1-Mar. 31	24		
Baca County	Mar. 1-Mar. 31	1		
Bent County	Feb. 1-Mar. 31	11		
Boulder County	do	13		
Chaffee County	Dec. 1-Feb. 28	1		
Clear Creek County	do	4		
Delta County	Dec. 1-Mar. 31	66		
El Paso County	do	65		
Fremont County	do	6		
Gilpin County	do	51		
Grand County	Feb 1-Mar. 31	19		
Gunnison County	Dec. 1-Jan. 31	14		
Hinsdale County	do	35		
Huerfano County	do	3		
Jefferson County	do	10		
La Plata County	Dec. 1-Mar. 31	7		
Larimer County	Mar. 1-Mar. 31	43		
Las Animas County	Dec. 1-Mar. 31	28		
Logan County	do	4		
Mesa County	do	77		
Mineral County	Dec. 1-Jan. 31	1		
Montrose County	Dec. 1-Mar. 31	34		
Morgan County	do	2		
Otero County	do	38		
Ouray County	Mar. 1-Mar. 31	10		
Phillips County	do	1		
Pitkin County	Dec. 1-Mar. 31	3		
Prowers County	Feb. 1-Feb. 28	2		
Pueblo County	Dec. 1-Mar. 31	18		
Rio Blanco County	Feb. 1-Feb. 28	11		
Rio Grande County	Dec. 1-Mar. 31	14		
San Juan County	Feb. 1-Mar. 31	3		
San Miguel County	Dec. 1-Mar. 31	24		
Teller County	do	12		
Washington County	Mar. 1-Mar. 31	8		
Weld County	Feb. 1-Mar. 31	64		
Total for State		787		
Total for State, same period, 1901.		1,763		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
District of Columbia:				
Washington	Jan. 12-Mar. 8	7		
Total for District, same period, 1901.		50		
Florida:				
Escambia County	Mar. 4	1		
Jacksonville	Mar. 9-Mar. 29	13		1 on sc. M. S. Patten.
Key West	Feb. 5	1		
Total for State		15		
Total for State, same period, 1901.		107		
Georgia:				
Augusta	Mar. 1-Mar. 31		1	
South Atlantic Quarantine	Mar. 12	1		On sc. L. C. Anderson.
Total for State, same period, 1901.		22		
Illinois:				
Belleville	Jan. 12-Mar. 29	27		
Cairo	Mar. 30-Apr. 12	9		
Chicago	Jan. 5-Apr. 19	113	1	
Danville	Jan. 19-Apr. 5	22		
Freeport	Jan. 5-Apr. 12	7		
Galesburg	Jan. 12-Mar. 1	13		
Joliet	Mar. 2-Mar. 22	9		
Peoria	Dec. 1-Feb. 28	67		
Springfield	Dec. 1-Jan. 31	314		
Total for State		581	1	
Total for State, same period, 1901.		324	2	
Indiana:				
Adams County	Jan. 1-Feb. 28	65		
Allen County	Feb. 1-Feb. 28	5		
Cass County	do	5	1	
Clark County	do	13		
Clay County	do	3		
Daviess County	Jan. 1-Jan. 31	15		
Dearborn County	do	11		
Decatur County	do	2		
Dekalb County	do	1		
Delaware County (Muncie)	Jan. 1-Mar. 31	8	1	
Dubois County	Feb. 1-Feb. 28	17		
Elkhart County (Elkhart)	Feb. 2-Mar. 15	37		
Floyd County	Jan. 1-Jan. 31	9		
Fountain County	Jan. 1-Feb. 28	52		
Gibson County	do	31		
Grant County	do	16		
Greene County	do	26		
Hancock County	Feb. 1-Feb. 28	15		
Howard County	Jan. 31-Feb. 28	11	1	
Huntington County	Feb. 1-Feb. 28	17		
Jackson County	do	2		
Jay County	do	5		
Jefferson County	Jan. 1-Jan. 31	17	1	
Knox County	Jan. 1-Feb. 28	66	1	
Lagrange County	Feb. 1-Feb. 28	2		
Laporte County (Michigan City).	Feb. 17-Mar. 17	2		
Marion County (Indianapolis)	Jan. 1-Apr. 12	161		
Marshall County	Jan. 1-Jan. 31	7		
Martin County	Feb. 1-Feb. 28	6		
Monroe County	Jan. 1-Jan. 31	8		
Montgomery County (Crawfordsville).	Jan. 1-Mar. 8	60		
Morgan County	Jan. 1-Feb. 28	30		
Noble County	Feb. 1-Feb. 28	24		
Owen County	Jan. 1-Feb. 28	20		
Perry County	do	37	1	
Pike County	Jan. 1-Jan. 31	7		
Porter County	Feb. 1-Feb. 28	1		
Pulaski County	do	8	1	
Shelby County	Jan. 1-Feb. 28	15	1	
Spencer County	do	100		
Union County	do	3		
Vanderburg County (Evansville).	Dec. 15-Apr. 12	91		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indiana—*Continued.*				
Vigo County (Terre Haute)	Jan. 1-Apr. 12	20		
Wabash County	Jan. 1-Feb. 28	12		
Warrick County	do	78	1	
Wayne County	do	48		
Wells County	do	14		
Total for State		1,203	9	
Total for State, same period, 1901.		557		
Indian Territory:				
Duncan	Feb. 4	6		
Total for Territory, same period, 1901.		16		
Iowa:				
Adair County	Jan. 1-Jan. 31			Present.
Allamakee County	do			Do.
Benton County	do			Do.
Boone County	do			Do.
Buena Vista County	do			Do.
Cherokee County	do			Do.
Chicasaw County	Nov. 1-Jan. 31			Do.
Clayton County	Nov. 1-Feb. 15			Do.
Clinton County (Clinton)	Nov. 1-Mar. 22	19		
Crawford County	Nov. 1-Feb. 15			Do.
Dallas County	do			Do.
Davis County	do			Do.
Delaware County	do			Do.
Des Moines County	do			Do.
Dubuque County	do			Do.
Floyd County	do			Do.
Fremont County	do			Do.
Hardin County	Jan. 1-Jan. 31			Do.
Henry County	do			Do.
Ida County	Nov. 1-Jan. 31			Do.
Iowa County	do			Do.
Jasper County	Jan. 1-Jan. 31			Do.
Linn County	do			Do.
Louisa County	Nov. 1-Jan. 31			Do.
Lucas County	Jan. 1-Jan. 31			Do.
Lyon County	Nov. 1-Jan. 31			Do.
Mahaska County	Jan. 1-Jan. 31			Do.
Monroe County	do			Do.
Montgomery County	do			Do.
O'Brien County	Nov. 1-Jan. 31			Do.
Osceola County	Jan. 1-Jan. 31			Do.
Plymouth County	do			Do.
Pocahontas County	do			Do.
Polk County	Nov. 1-Jan. 31			Do.
Poweshiek County	Jan. 1-Jan. 31			Do.
Sac County	Nov. 1-Jan. 31			Do.
Scott County (Davenport)	Dec. 1-Mar. 31	69		
Sioux County	Jan. 1-Jan. 31			Do.
Taylor County	do			Do.
Wapello County (Ottumwa)	Dec. 1-Mar. 29	153		
Warren County	Nov. 1-Jan. 31			Do.
Washington County	Jan. 1-Jan. 31			Do
Woodbury County	do			Do
Worth County	do			Do.
Total for State		241		
Total for State, same period, 1901.		26		
Kansas:				
Allen County	Dec. 1-Mar. 31	40		
Anderson County	Dec. 1-Mar. 31	22		
Atchison County	Mar. 1-Mar. 31	19		
Brown County	Dec. 1-Mar. 31	4		
Chautauqua County	Dec. 1-Feb. 28	72		
Cherokee County	Dec. 1-Mar. 31	28		
Clay County	Dec. 1-Feb. 28	5		
Cloud County	Dec. 1-Mar. 31	108		
Cowley County	do	13		
Crawford County (Girard)	do	193		
Decatur County	Dec. 1-Feb. 28	40		
Dickinson County	Feb. 1-Mar. 31	20		
Ellsworth County	Feb. 1-Feb. 28	6		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Kansas—*Continued.*				
Greenwood County	Dec. 1-Mar. 31	20		
Hamilton County	Feb. 1-Feb. 28	71		
Harper County	Feb. 1-Mar. 31	5		
Jackson County	Feb. 1-Feb. 28	7		
Jefferson County	Dec. 1-Mar. 31	10		
Jewell County	Dec. 1-Feb. 28	8		
Kingman County	do	2		
Labette County	do	2		
Leavenworth County	do	1		
Lincoln County	do	7		
McPherson County	Feb. 1-Mar. 31	43		
Marion County	Dec. 1-Feb. 28	9		
Marshall County	do	82		
Miami County	Feb. 1-Mar. 31	2		
Mitchell County (Beloit)	Dec. 1-Mar. 31	82		
Montgomery County (Coffeyville).	Dec. 1-Feb. 28	22		
Morris County	Feb. 1-Mar. 31			Number not known.
Nemaha County	Dec. 1-Mar. 31	4		
Norton County	Mar. 1-Mar. 31	2		
Osborne County	Feb. 1-Mar. 31	2		
Ottawa County	Dec. 1-Mar. 31	35		
Phillips County	Dec. 1-Mar. 31	39	1	
Pratt County	Mar. 1-Mar. 31	10		
Rawlins County	Feb. 1-Mar. 31	8		
Reno County	Dec. 1-Mar. 31	2		
Russell County	Mar 1-Mar. 31	1		
Saline County (Salina)	Dec. 1-Mar. 31	72		
Sedgwick County (Wichita)	Dec. 1-Apr. 12	44		
Shawnee County	Dec. 1-Mar. 31	110		
Smith County	do	19		
Stafford County	do	41	1	
Sumner County	do	98		
Thomas County	Feb. 1-Mar. 31	2		
Washington County	Dec. 1-Mar. 31	156		
Total for State		1,588	2	
Total for State, same period, 1901.		3,885	20	
Kentucky:				
Covington	Jan. 27-Apr. 13	92		
Lexington	Dec. 22-Mar. 15	18	2	
Louisville	Jan. 1-Jan. 31	19		
Total for State		129	2	
Total for State, same period, 1901.		55	1	
Louisiana:				
Caddo	Jan. 1-Mar. 29	216		
Catahoula	Feb. 1-Mar. 1	1		
Nachitoches	do	19	1	
New Orleans	Dec. 15-Apr. 12	24	4	9 cases imported.
Ninon	Feb. 1-Mar. 1	1		
Sabine	do	6		
Shreveport	Dec. 15-Apr. 12	147		
St. James	Mar. 1-Mar. 29	1		
Total for State		414	5	
Total for State, same period, 1901.		196	43	
Maine:				
Durham	Feb. 15-Mar. 22	13		
Freeport	Feb. 19-Mar. 22	1		
Hollis	Mar. 7-Mar. 22	1		
Portland	Dec. 22-Apr. 12	37	4	
Saco	Mar. 7-Mar. 22	6		
Sanford	Mar. 15-Mar. 19	1		
Scarboro	Mar. 7-Mar. 22	1		
South Portland	do	4		
Washington Mills	To Mar. 22	1		
Westbrook	do	1		
Total for State		66	4	
Total for State, same period, 1901.		1		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Maryland:				
Baltimore	Feb. 2-Apr. 12	18	1	
Cumberland	Mar. 1-Mar. 31	7		
Total for State		25	1	
Total for State, same period, 1901.		26		
Massachusetts:				
Blackstone	Jan. 2-Jan 8	2		
Boston	Dec. 22-Apr. 19	486	86	
Brockton	Dec. 29-Apr. 12	10		
Brookline	Jan. 12-Jan. 25	2		
Cambridge	Dec. 15-Apr. 12	55	7	
Chelsea	Dec. 29-Jan. 4	1		
Chicopee	Jan. 19-Mar. 15	3		
Clinton	Jan. 5-Jan. 11	3		
Everett	Jan. 26-Apr. 12	15	1	
Fall River	Dec. 22-Feb. 8	2		
Fitchburg	Mar. 16-Mar. 22	3		
Haverhill	Feb. 23-Mar. 15	2		
Holyoke	Jan. 12-Apr. 5	47		
Lawrence	Mar. 2-Apr. 12	8	2	
Lowell	Dec. 29-Apr. 12	12		
Malden	Dec. 15-Apr. 12	10	1	
Marlboro	Jan. 5-Jan. 11	1		
Medford	Dec. 22-Mar. 29	6		
Melrose	Mar. 5-Apr. 5	2	1	
New Bedford	Jan. 17-Apr. 12	23		
Newburyport	Jan. 26-Mar. 22	9	1	
Newton	Dec. 29-Apr. 5	4		
North Adams	Feb. 23-Mar. 1	1		
Quincy	Dec. 22-Apr. 12	11	4	
Somerville	Dec. 29-Apr. 12	20	1	
Taunton	Feb. 9-Mar. 29	4		
Waltham	Jan. 26-Mar. 1	3	1	
Weymouth	Jan. 5-Mar. 1	5	1	
Woburn	Dec. 15-Feb. 1	2	1	
Total for State		753	107	
Total for State, same period, 1901.		13	2	
Michigan:				
Alcona County	Mar. 15-Mar. 22			Present.
Alger County	Mar. 22-Apr. 5			Do.
Allegan County	Feb. 15-Apr. 5			Do.
Alpena County	Feb. 22-Apr. 5			Do.
Antrim County	Feb. 15-Apr. 5			Do.
Arenac County	do			Do.
Barry County	Feb. 15-Mar. 1			Do.
Bay County (Bay City)	Jan. 25-Apr. 5	15		
Benzie County	Feb. 22-Mar. 1			Do.
Berrien County	Feb. 22-Apr. 5			Do.
Branch County	Feb. 15-Apr. 5			Do.
Cass County	do			Do.
Charlevoix County	do			Do.
Cheboygan County	Feb. 15-Apr. 5			Do.
Chippewa County	Mar. 15-Apr. 5			Do.
Clare County	Feb. 15-Apr. 5			Do.
Clinton County	do			Do.
Crawford County	Feb. 15-Mar. 1			Do.
Delta County	Feb. 15-Apr. 5			Do.
Dickinson County	do			Do.
Eaton County	Mar. 29-Apr. 5			Do.
Emmet County	Feb. 15-Feb. 22			Do.
Genesee County	Feb. 15-Apr. 5			Do.
Gladwin County	do			Do.
Gogebic County	Feb. 15-Feb. 22			Do.
Grand Traverse County	Feb. 15-Apr. 5			Do.
Gratiot County	do		1	
Houghton County	do			Do.
Huron County	Mar. 15-Apr. 5			Do.
Ingham County	Feb. 15-Mar. 29			Do.
Ionia County	Feb. 15-Apr. 5			Do.
Iosco County	Mar. 22-Apr. 5			Do.
Iron County	Feb. 15-Apr 5			Do.
Isabella County	do			Do.
Kalamazoo County	Feb. 22-Mar. 29			Do.
Kalkaska County	Feb. 15-Apr. 5			Do.
Kent County (Grand Rapids)	Dec. 15-Apr. 5	13	1	
Lake County	Feb. 22-Apr. 5			Do.

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan—*Continued.*				
Lapeer County	Feb. 22-Mar. 29			Present.
Leelanaw County	Feb. 15-Feb. 22			Do.
Lenawee County	Mar. 29-Apr. 5			Do.
Livingston County	Mar. 15-Apr. 5			Do.
Mackinac County	Feb. 15-Apr. 5			Do.
Macomb County	do			Do.
Manistee County	do			Do.
Marquette County	do			Do.
Mason County (Ludington)	Jan. 27-Apr. 12	89		
Mecosta County	Feb. 15-Apr. 5			Do.
Menominee County	Feb. 22-Apr. 5			Do.
Midland County	do			Do.
Missaukee County	do			Do.
Montcalm County	do			Do.
Montmorency County	do			Do
Muskegon County	Feb. 22-Apr. 5			Do.
Newaygo County	do			Do.
Oakland County	Feb. 15-Feb. 22			Do.
Oceana County	Feb. 15-Apr. 5			Do.
Ogemaw County	Feb. 15-Mar. 1			Do.
Osceola County	Feb 15-Apr. 5		1	Do.
Otsego County	do			Do.
Ottawa County	Feb 15-Apr. 5			Do.
Presque Isle County	do		1	Do.
Saginaw County	do			Do.
St. Clair County	Feb. 22-Apr. 5			Do.
St. Joseph County (Three Rivers).	Mar. 22-Apr. 5			Do.
Sanilac County	Feb. 22-Apr. 5			Do.
Shiawassee County	do			Do.
Tuscola County	do			Do.
Van Buren County	do			Do.
Washtenaw County (Ann Arbor).	Jan. 12-Mar. 29	14		
Wayne County (Detroit)	Jan. 5-Apr. 19	114	1	
Wexford County	Feb. 15-Apr. 5			Do.
Total for State		245	5	Smallpox was reported present in 59 counties; at 133 places during the week ended Apr. 5, 1902.
Total for State, same period, 1901.		49	3	
Minnesota:				
Aitkin County	Dec. 3-Apr. 7	20		
Anoka County	Dec. 3-Mar. 3	47		
Becker County	Dec. 3-Apr. 7	75		
Beltrami County	do	219	1	
Benton County	Dec. 3-Mar. 3	8		
Big Stone County	Dec. 3-Mar. 24	68	2	
Blue Earth County	Dec. 3-Apr. 7	92		
Brown County	Jan. 27-Apr. 7	8		
Carver County	Dec. 3-Apr. 7	373	3	
Cass County	do	57		
Chippewa County	Dec. 3-Mar. 10	10		
Chisago County	Dec. 3-Mar. 24	7		
Clay County	Dec 3-Apr. 7	242		
Cottonwood County	do	35		
Crow Wing County	do	107	2	
Dakota County	do	48		
Dodge County	Dec 3-Mar. 3	12		
Douglas County	Jan. 27-Apr. 7	19	1	
Faribault County	Dec. 3-Apr. 7	89		
Fillmore County	Jan. 20-Mar. 17	29		
Freeborn County	Jan. 20-Apr. 7	10		
Goodhue County	Dec. 3-Mar. 17	125		
Grant County	Feb. 17-Feb. 24	2		
Hennepin County (Minneapolis).	Dec. 3-Apr. 7	358	1	
Houston County	do	84	1	
Hubbard County	do	159		
Isanti County	do	23	1	
Itasca County	Dec. 3-Mar. 24	48		
Jackson County	do	165		
Kanabec County	do	107		
Kandiyohi County	Dec. 3-Apr. 7	37		
Kittson County	Dec. 3-Mar. 17	65		
Lac qui Parle County	Dec. 3-Feb. 24	6		
Lake County	Feb. 17-Apr. 7	5		
Le Sueur County	Dec. 3-Feb. 24	16		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Minnesota—*Continued.*				
Lincoln County	Dec. 3-Apr. 7	149	1	
Lyon County	do	6		
McLeod County	Dec. 3-Feb. 24	11		
Marshall County	do	120		
Martin County	do	99		
Meeker County	do	43		
Millelacs County	Dec. 3-Apr. 7	94		
Morrison County	do	64		
Mower County	do	100	1	
Murray County	Dec. 3-Mar. 3	6		
Nicollet County	Jan. 27-Feb. 24	9		
Nobles County	Jan. 1-Mar. 24	16		
Norman County	Dec. 3-Mar. 3	94	2	
Olmsted County (Rochester)	Dec. 3-Mar. 24	49		
Ottertail County	Dec. 3-Apr. 7	117	1	
Pine County	Dec. 3-Feb. 24	5		
Pipestone County	Dec. 3-Apr. 7	329	1	
Polk County	do	146		
Pope County	Dec. 3-Apr. 7	79	1	
Ramsey County (St. Paul)	do	79		
Red Lake County	Dec. 3-Mar. 24	161	5	
Red Wood County	Dec. 3-Apr. 7	87	1	
Renville County	Dec. 3-Mar. 24	34		
Rice County	Dec. 3-Apr. 7	53		
Rock County	Dec. 3-Mar. 24	57		
Roseau County	Jan. 20-Mar. 17	10		
St. Louis County (Duluth)	Dec. 3-Apr. 7	169	1	
Scott County	Dec. 3-Mar. 24	37		
Sherburne County	Dec. 3-Apr. 7	9	1	
Sibley County	do	10		
Stearns County	Dec. 3-Mar. 24	138		
Steele County	Dec. 3-Mar. 17	27		
Stevens County	Dec. 3-Feb. 24	13		
Swift County	Jan. 27-Mar. 24	11		
Todd County	Dec. 3-Apr. 7	94		
Traverse County	Dec. 3-Mar. 24	93		
Wabasha County	Dec. 3-Mar. 17	21		
Wadena County	Dec 3-Apr. 7	34		
Waseca County	Jan. 27-Apr. 7	71		
Washington County	Dec. 3-Mar. 24	43		
Watonwan County	Dec. 3-Mar. 10	4		
Wilkin County	do	8		
Winona County (Winona)	Dec. 3-Aprl 7	38		
Wright County	Dec. 3-Mar. 24	57		
Yellow Medicine County	Dec. 3-Apr. 7	3		
Total for State		5,750	27	
Total for State, same period, 1901.		2,746	3	
Missouri:				
Carthage	Jan. 1-Feb. 28	47		
Hannibal	Jan. 12-Feb. 28	7		
St. Louis	Dec. 16-Apr. 13	1,305	11	
Total for State		1,359	11	
Total for State, same period, 1901.		173	1	
Montana:				
Butte	Jan. 13-Apr. 13	32	1	
Helena	Mar. 1-Mar. 31	1		
Total for State		33	1	
Total for State, same period, 1901.		218	2	
Nebraska:				
Adams County	Feb. 1-Mar. 20	22		
Antelope County	do	3		
Boone County	do	13		
Boyd County	do	5		
Buffalo County (including Kearney).	do	19		
Burt County	do	6		
Butler Couty	do	27		
Cass County	do	12		
Cedar County (including Hartington).	do	107		
Cheyenne County	do	2		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Nebraska—*Continued.*				
Clay County	Feb. 1–Mar. 20	17		
Colfax County	do	4		
Cuming County	do	1		
Custer County	do	4		
Dakota County	do	16		
Dawes County	do	13		
Dawson County	do	1		
Dixon County	do	6		
Dodge County (including Fremont).	do	22		
Douglas County (including Omaha and South Omaha).	July 1–Apr. 12	1,211	6	
Fillmore County	Feb. 1–Mar. 20	1		
Furnas County	do	23		
Gage County (including Beatrice).	do	71		
Hall County	do	8		
Hamilton County	do	23		
Holt County (including O'Neil).	do	30		
Jefferson County	do	1		
Johnson County (including Tecumseh).	do	20		
Kearney County	do	10		
Keyapaha County (including Springview).	do	18		
Knox County	do	10		
Lancaster County (including Lincoln).	do	118		
Lincoln County	do	2		
Madison County	do	14		
Merrick County	do	1		
Nance County	do	1		
Nemaha County (including Auburn).	do	23		
Nuckolls County (including Hardy)	do	13		
Otoe County	do	3		
Pawnee Connty	do	1		
Phelps County	do	1		
Pierce County (including Plainview).	do	11		
Platte County	do	4		
Richardson County (including Falls City and Dawson)	do	28		
Sarpy County (including Bellevue).	do	26		
Saunders County (including Wahoo and Valparaiso).	do	35		
Seward County (including Tamora).	do	26		
Sheridan County	do	1		
Stanton County (including Stanton).	do	35		
Thayer County	do	3		
Thurston County	do	5		
Washington County	do	2		
Wayne County	do	10		
Webster County	do	1		
York County	do	1		
Total for State		2,091	6	
Total for State, same period, 1901.		632	4	
New Hampshire:				
Bartlett	Mar. 1–Apr. 1	2		
Berlin	do	11		
Epping	do	1		
Franklin	do	5		
Goffstown	do	1		
Grantham	do	1		
Nashua	Dec. 15–Apr. 1	15		
Total for State		36		
Total for State, same period, 1901.		327		
New Jersey:				
Camden County	Dec. 22–Apr. 19	119	20	
Essex County (Newark)	Dec. 15–Apr. 12	455	91	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
New Jersey—*Continued.*				
Hudson County (Jersey City included.)	Dec. 23-Apr 6	503	30	
Passaic County	Nov. 16-Mar. 15	10	3	
Union County	Jan. 12-Mar. 29	19	2	
Total for State		1,106	146	
Total for State, same period, 1901.		42	1	
New York:				
Binghamton	Dec. 22-Mar. 22	30	3	
Buffalo	June 25-Mar. 27	314		
Middletown	Feb. 1-Feb. 28	1		
Mount Vernon City	Jan. 12-Jan. 18	1	1	
New York	Dec. 15-Apr. 12	745	156	
Plattsburg	Dec. 1-Dec. 28	19		
Yonkers	Feb. 15-Mar. 28	6	1	
Total for State		1,116	161	
Total for State, same period, 1901.		543	96	
North Carolina:				
Buncombe County	Nov. 1-Feb. 28	96		
Cabarrus County	do	123		
Carteret County (Morehead City)	Feb. 8-Feb. 28	1		On a vessel.
Cherokee County	Feb. 1-Feb. 28	2		
Cleveland County	Jan. 1-Feb. 28	2		
Cumberland County	Jan. 1-Jan. 31	1		
Duplin County	Nov. 1-Feb. 28	42		
Durham County	do	7		
Edgecombe County	Nov. 1-Jan 31	6		
Forsyth County	Nov. 1-Feb. 28	53		
Gaston County	do	21		
Greene County	do	17		
Henderson County	do	20		
Iredell County	do	8		
Lenoir County	Jan. 1-Feb. 28	7		
Lincoln County	Feb. 1-Feb. 28	3		
Madison County	Jan. 1-Jan. 31	7		
Martin County	Jan. 1-Feb. 28	10		
Mecklenburg County (Charlotte.)	Nov. 1-Mar. 31	178	2	
Nash County	Nov. 1-Feb. 28	22		
New Hanover County (Wilmington.)	Mar. 7	1		Imported.
Polk County	Nov. 1-Feb. 28	9		
Rockingham County	do	15		
Rowan County	do	2		
Rutherford County	do	3		
Sampson County	do	39		
Stanly County	Jan. 1-Feb. 28	22		
Stokes County	Feb. 1-Feb. 28	3		
Surry County	Jan. 1-Jan. 31	1		
Swain County	Nov. 1-Jan. 31	3		
Union County	do	3		
Wayne County	Nov. 1-Feb. 28	33		
Wilson County	do	313	1	
Total for State		1,073	3	
Total for State, same period, 1901.		650	3	
North Dakota:				
Barnes County	Dec. 4-Mar. 18	53	2	
Benson County	Mar. 8-Mar. 18	4		
Bottineau County	Dec. 21-Feb. 22	2	1	
Burleigh County	Mar. 8-Mar. 18	3		
Cass County	Dec. 31-Mar. 1	47		
Cavalier County	Jan. 1-Mar. 1	58		
Eddy County	Jan. 13-Feb. 22	1		
Foster County	Jan. 1-Feb. 22			Several cases
Grand Forks County	Dec. 31-Mar. 18	155	2	
Griggs County	Dec. 27-Mar. 18	19		
Kidder County	Dec. 23-Feb. 22	9		
Lamoure County	Dec. 3-Feb. 22	6		
McHenry County	Dec. 24-Feb. 22	36		
McLean County	Feb. 1-Feb. 22	1		
Nelson County	Dec. 31-Mar. 1	60		
Oliver County	Mar. 8-Mar. 18	4		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
North Dakota—*Continued.*				
Pembina County	Dec. 31-Mar. 18	10		
Pierce County	Jan. 1-Mar. 18	34		
Ramsey County	do	11		
Richland County	Mar. 8-Mar. 18	9		
Steele County	Dec. 30-Feb. 22	4		
Stutsman County	Dec. 31-Mar. 18	15		
Traill County	Jan. 1-Mar. 1	32		
Walsh County	Dec. 31-Mar. 18	45		
Ward County	July 1-Feb. 22	70		
Wells County	Dec. 26-Mar. 1	27	1	
Williams County	Dec. 18-Jan. 13	2		
Total for State		717	6	
Total for State, same period, 1901.		60	1	
Ohio:				
Ashland County—				
Lake Township	Aug 1-Jan 31			
Troy Township	do	2		
Ashtabula County—				
Ashtabula	do	4		
Saybrook Township	do	7		
Auglaize County—				
Moulton Township	Aug. 1-Jan. 31	8		
St. Marys	do	7		
Belmont County—				
Barnesville	do	14		
Bridgeport	do	3		
St. Clairsville	do	3		
Butler County—				
Hamilton	Jan. 28-Apr. 5	14		
Middletown	Jan. 19-Feb. 15	4		
Carroll County—				
Rose Township	Jan. 19-Jan. 31	3	1	
Champaign County—				
Urbana	do	2		
Clark County—				
Springfield	do	1		
Clermont County—				
Miami Township	Jan. 19-Jan. 31			
Coshocton County—				
White Eyes Township	do			
Crawford County—				
Auburn Township	do			
Crestline	do			
New Washington	do			
Cuyahoga County—				
Berea	do			
Cleveland	Dec. 28-Apr. 19	24		
Glenville	Aug. 1-Jan. 31			
Middleburg Township	do			
Rocky River	do			
Darke County—				
Jackson Township	do	3		
Union City	do	33		
Defiance County—				
Hicksville	Jan. 1-Jan. 31	34		
Mark Township	do	1		
Milford Township	do	1		
Delaware County—				
Delaware	Aug. 1-Jan. 31	4		
Erie County—				
Sandusky	do	4		
Fayette County—				
Union Township	Jan. 1-Jan. 31	1		
Washington Court House	do	1		
Franklin County—				
Clinton Township	Aug. 1-Jan. 31	1		
Columbus	do	4	1	
Gallia County—				
Cheshire Township	do	2		
Gallipolis	do	3		
Harrison Township	do			
Greene County—				
Cedarville Township	do	1		
Hamilton County—				
Cincinnati	Dec. 21-Apr. 18	265	2	
Lockland	Dec. 21-Feb. 24	1		
Mill Creek Township	Aug. 1-Jan. 31	1		
Pleasant Ridge	do	1		
Symmes Township	do	1		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ohio—*Continued.*				
Hancock County—				
Allen Township	Aug. 1-Jan. 31	1		
Findlay	do	46	2	
Hardin County—				
Ada	do			
Kenton	do			
Liberty Township	do			
McDonald Township	do			
Henry County—				
Napoleon	do			
Highland County—				
Lynchburg	Jan. 1-Jan. 31	1		
Hocking County—				
Logan	do			
Huron County—				
Chicago Junction	do	3		
Jackson County—				
Jefferson Township	do	7		
Madison Township	do			
Oakhill	do			
Washington Township	do	1		
Jefferson County—				
Mingo Junction	Aug. 1-Jan. 31	7		
Steubenville	do	3		
Knox County—				
Wayne Township	do	11		
Lake County—				
Mentor	do			
Lawrence County—				
Aid Township	do	9		
Ironton	do	1		
Licking County—				
Eden Township	do	1		
Hanover Township	do	8		
Newark	do	55		
Newton Township	do	1		
Utica	do	1		
Logan County—				
Belle Center	do	2		
Richland Township	do	3		
West Mansfield	do	4		
Lorain County—				
Black River Township	do			
Lorain	do			
Russia Township	do	8		
Lucas County—				
Toledo	Jan. 5-Apr. 12	12		
Madison County—				
Monroe Township	Jan. 1-Jan. 31	1		
Mahoning County—				
Youngstown	Dec. 22-Apr. 12	53	12	
Mercer County—				
Butler Township	Aug. 1-Jan. 31	51		
Coldwater	do	42		
Recovery Township	do	16		
Washington Township	do	9		
Monroe County—				
Benton Township	do			
Bethel Township	do	6		
Franklin Township	do			
Graysville	do			
Perry Township	do			
Washington Township	do			
Montgomery County—				
Butler Township	do			
Dayton	Jan. 12-Apr. 19	8		
Germantown	Aug. 1-Jan. 31	2		
Washington Township	do			
Morrow County—				
Cardington	do	1		
Muskingum County—				
Brush Creek Township	do	1		
Zanesville	do	1		
Perry County—				
Hopewell Township	do	1		
New Lexington	do	4		
Portage County—				
Brimfield Township	do			
Preble County—				
Gratis Township	Jan. 1-Jan. 31	3		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases	Deaths.	Remarks.
Ohio—*Continued.*				
Putnam County—				
Continental	Aug. 1-Jan. 31			
Perry Township	do			
Richland County—				
Madison Township	do	2		
Plymouth Township	do			
Ross County—				
Chillicothe	Mar. 23-Mar. 29	2		
Sandusky County—				
Clyde	Aug. 1-Jan. 31	2		
Fremont	do	3		
Gibsonburg	do	25		
Madison Township	do	1		
Riley Township	do	1		
Townsend Township	do	1		
York Township	do	1		
Scioto County—				
Portsmouth	do			
Seneca County—				
Big Spring Township	do	1		
Fostoria	do	2		
Loudon Township	do	4		
Tiffin	do			
Shelby County—				
Green Township	do			
Orange Township	do	1		
Perry Township	do			
Sidney	do	2		
Stark County—				
Canton	do	1		
Massillon	do	1		
Sandy Township	do	1		
Waynesburg	do	1		
Tuscarawas County—				
Fairfield Township	do			
Mineral City	do	8	2	
Uhrichsville	do	3		
Union County—				
Magnetic Springs	do	1		
Van Wert County—				
Liberty Township	do	1		
Van Wert	do	5	1	
Washington County—				
Barlow Township	do			
Belpre Township	do			
Liberty Township	do			
Marietta	do			
Wayne County—				
Creston	do	6		
Williams County—				
Alvordtown	do	1		
Bryan	do	1		
Montpelier	do			
Wood County—				
Center Township	do	10		
Henry Township	do			
North Baltimore	do	2		
Troy Township	do			
Webster Township	do			
Wyandot County—				
Carey	Aug. 1-Dec. 20	1		
Total for State		933	21	
Total for State, same period, 1901.		1,681	21	Total number of cases January 1 to December 20, 1901, 2,936; deaths, 48.
Oregon:				
Clatsop County (Svenson)	Mar. 17	1	1	
Marshfield	Dec. 1-Jan. 1	250	1	
Portland	Jan. 1-Mar. 31	102		
Total for State		353	2	
Total for State, same period, 1901		10		
Pennsylvania:				
Allegheny County	Dec. 29-Apr. 12	64		
Berks County (Reading)	Jan. 21-Feb. 24	4		
Blair County (Altoona)	Dec. 29-Apr. 19	12		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases	Deaths.	Remarks.
Pennsylvania—*Continued.*				
Butler County	Jan. 16-Jan. 22	1		
Cambria County (Johnstown)	Mar. 30-Apr. 12	2		
Carbon County	Feb. 10-Feb. 16	5		
Dauphin County (Steelton)	Feb. 16-Feb. 22	1		
Lackawanna County (Scranton).	Jan. 16-Feb. 28	14	1	
Lancaster County (Lancaster).	Mar. 2-Apr. 14	6		
Lawrence County (New Castle).	Jan. 1-Mar. 31	17		
Lebanon County	Dec. 22-Mar. 15	114	2	
Lehigh County (Allentown)	Feb. 2-Feb. 8	1		
Luzerne County	Dec. 25-Jan. 11	11		
Lycoming County (Williamsport).	Jan. 26-Feb. 1	2		
Montgomery County (Norristown).	Dec. 22-Mar. 15	21	5	
Philadelphia County	Dec. 22-Apr. 19	1,114	203	
Schuylkill County (Auburn)	Nov. 17-Jan. 25	48	1	
York County (York)	Feb. 1-Apr. 5	16	5	
Total for State		1,453	217	
Total for State, same period, 1901.		215	6	
Rhode Island:				
Central Falls	Feb. 18-Mar. 22	6		
Jericho	Mar. 11-Mar. 17	1		
Manville	Dec. 1-Apr. 6	9		
Natick	Mar. 16-Mar. 22	1		
Pawtucket	Feb. 24-Mar. 22	12		
Providence	Dec 1-Apr. 19	34	3	
Warren	Mar. 3-Mar. 22	18		
Warwick	Feb. 23-Apr. 6	26		
Woonsocket	Dec. 1-Apr. 6	187		
Total for State		294	3	
Total for State, same period, 1901.		10	1	
South Carolina:				
Greenville	Dec. 15-Apr. 12	25		
Charleston	Jan. 19-Mar. 8	16		
Total for State		41		
Total for State, same period, 1901.		10	1	
South Dakota:				
Sioux Falls	Jan. 26-Apr. 12	30		
Tennessee:				
Davidson County (Nashville)	Feb. 2-Apr. 19	5		
McMinn County	Dec. 15	24		
Polk County	Feb. 2-Feb. 19	4		
Shelby County (Memphis)	Dec. 22-Apr. 12	169		
Total for State		202		
Total for State, same period, 1901.		4,228	98	
Texas:				
Fort Worth	Jan. 1-Jan. 31	8		
Galveston	Mar. 14-Mar. 17	3		
Houston	Jan. 1-Mar. 8	186	3	
Laredo	Feb. 8	1		
San Antonio	Jan. 1-Mar. 31	62		
Total for State		260	3	
Total for State, same period, 1901.		466	7	
Utah:				
Ogden	Jan. 1-Mar. 31	7		
Salt Lake City	Dec. 15-Apr. 12	17		
Total for State		24		
Total for State, same period, 1901.		707	3	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Vermont:				
Burlington	Dec. 15-Mar. 29	173		
Virginia:				
Cape Charles	Mar. 24-Mar. 28	2		1 on sc. Elsie M. Harris and 1 on sc. S. H. Sharp.
Norfolk	Apr. 10	23		
Roanoke	Dec. 1-Mar. 31	205	2	
Total for State		230	2	
Total for State, same period, 1901.		328	4	
Washington:				
Chehalis County	Dec. 1-Dec. 31	1		
Clallam County	Jan. 17	2		
King County (Seattle)	Nov. 1-Dec. 31	82		
Klickitat County	Nov. 1-Dec. 1	8		
Lincoln County	Nov. 1-Dec. 13	35	1	
Pierce County (Tacoma)	Nov. 1-Apr. 6	107	1	
Spokane County (Spokane)	Nov. 1-Feb. 22	143		
Whitman County	do	5		
Total for State		383	2	
Total for State, same period, 1901.		38		
West Virginia:				
Wheeling	Mar. 16-Apr. 5	3		
Total for State, same period, 1901.		65		
Wisconsin:				
36 counties, 61 places	Jan. 1-Jan. 31	239	1	
35 counties, 57 places	Feb. 1-Feb. 28	256	3	
37 counties, 73 places	Mar. 1-Mar. 31	304	1	
37 counties, 64 places	Apr. 1-Apr. 30	276	2	
45 counties, 85 places	May 1-May 31	358		
41 counties, 67 places	June 1-June 30	288	3	
32 counties, 52 places	July 1-July 31	268		
27 counties, 36 places	Aug. 1-Aug. 31	128	2	
15 counties, 18 places	Sept. 1-Sept. 30	71	3	
28 counties, 62 places	Oct. 1-Oct. 31	519	2	
42 counties, 100 places	Nov. 1-Nov. 30	596	3	
57 counties, 162 places	Dec. 1-Dec. 31	1,012	2	
61 counties, 232 places	Jan. 1-Jan. 31	1,521	8	
Fond du Lac	Jan. 17-Mar. 1	10		Smallpox was reported in 60 counties; 948 cases and 10 deaths during March, 1902.
Green Bay	Dec. 30-Apr. 13	153	4	
Manitowoc	Mar. 1-Mar. 31	20		
Milwaukee	Dec. 29-Apr. 5	30		
Total for State		6,058	34	
Total for State, same period, 1901.		575	4	
Grand total		29,666	882	
Grand total, same period, 1901.		21,616	332	

Plague in the United States as reported to the Surgeon-General, United States Marine-Hospital Service, from December 28, 1901 to April 25, 1902.

[For reports received from June 29, 1901, to December 27, 1901, see PUBLIC HEALTH REPORTS for December 27, 1901.]

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
San Francisco	Dec. 12	1		
	Feb. 22	1	1	From Berkeley.
	Apr. 20	1	1	From Davisville.

Weekly mortality table, cities of the United States.

Cities.	Week ended.	Population, U. S. census of 1900.	Total deaths from all causes.	Deaths from— Tuberculosis.	Yellow fever.	Smallpox.	Varloloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever	Diphtheria.	Measles.	Whooping cough.
Altoona, Pa	Apr. 12	38,973	7											
Ann Arbor, Mich	do	14,509												
Ashtabula, Ohio	do	12,949	4											
Baltimore, Md	do	508,957	182	21						3		1	1	1
Baton Rouge, La	Apr. 5	11,269	1											
Do	Apr. 12	11,269	1											
Belleville, Ill	do	17,484	6	3										
Binghamton, N. Y	do	38,647	12	2										
Boston, Mass	do	560,892	199	14		3				1	1	3	1	1
Bristol, R. I	Apr. 5	6,901	0											
Do	Apr. 12	6,901	0											
Brockton, Mass	do	40,063	7									1		
Butte, Mont	Apr. 6	30,470	10	4										
Do	Apr. 13	30,470	14	2						1	1			
Cambridge, Mass	Apr. 12	91,886	27	4								1		
Camden, N. J	do	75,935	26	1								2		
Charleston, S. C	do	55,807	30	6										
Chelsea, Mass	do	34,072	10											
Chicago, Ill	do	1,698,575	562											
Chicopee, Mass	do	19,167	6											
Cincinnati, Ohio	Apr. 11	325,902	139	15						5		3		1
Clinton, Mass	Apr. 12	13,667	2											
Covington, Ky	Apr. 13	42,938	14	4										
Dayton, Ohio	Apr. 12	85,333	23	3										1
Denver, Colo	Apr. 4	133,859	59	13						1	1	1		1
Detroit, Mich	Apr. 12	285,704	118								6	2		
Dunkirk, N. Y	do	11,816	4	1										
Erie, Pa	do	52,733	19											
Evansville, Ind	do	59,007	19	1										
Everett, Mass	do	24,336	6											
Fall River, Mass	do	104,863	40	7							2	2		
Fitchburg, Mass	do	31,531	14	1							1			
Freeport, Ill	do	13,258	2	1										
Galesburg, Ill	do	18,607	6											
Gloucester, Mass	do	26,127	3											
Green Bay, Wis	do	18,684	10											
Greenville, S. C	Apr. 5	11,860	1											
Hamilton, Ohio	Apr. 12	23,914	6											
Haverhill, Mass	do	37,175	7	1										
Holyoke, Mass	do	45,712	11	2										
Indianapolis, Ind	do	169,164	63	9						2				
Jacksonville, Fla	do	28,429	11	2										
Jersey City, N. J	Apr. 6	206,433	92	10							3	1		1
Johnstown, Pa	Apr. 12	35,936	16	2							2			
Lawrence, Mass	do	62,559	25	3		1				1				
Lexington, Ky	do	26,369	4	1										
Los Angeles, Cal	Apr. 5	102,479	43	10							1	3		
Lowell, Mass	Apr. 12	94,969	36	6								2		
Ludington, Mich	do	7,166	0											
Lynchburg, Va	Apr. 12	18,891	6											
McKeesport, Pa	do	34,227	19	1						3				1
Malden, Mass	do	33,664	8											
Manchester, N. H	do	56,987	28	2								1		
Marlboro, Mass	do	13,609	6	1										
Massillon, Ohio	Apr. 5	11,944	2											
Do	Apr. 12	11,944	0											
Medford, Mass	do	18,244	6									1		
Melrose, Mass	do	12,962	2											
Memphis, Tenn	do	102,320	35	12										
Michigan City, Ind	Apr. 14	14,850	4											
Middletown, Ohio	Apr. 5	9,215	3											
Do	Apr. 12	9,215	1											
Milwaukee, Wis	do	285,315	66	11								5		1
Mobile, Ala	do	38,469	9	4										
Nashua, N. H	do	23,898	10											
Nashville, Tenn	do	80,865	31	5							1	1		
Newark, N. J	do	246,070	105	21		10				3		2	1	
New Bedford, Mass	do	62,442	26	3										
Newburyport, Mass	do	14,478	8											
New Orleans, La	do	287,104	128	28						2	1	1		
Newton, Mass	do	33,587	10	1										
New York, N. Y	do	3,437,202	1,393	165		12				10	29	35	20	15
Norristown, Pa	do	22,265	9											
North Adams, Mass	do	24,200	6	1										

Weekly mortality table, cities of the United States—Continued.

Cities.	Week ended.	Population, U.S. census of 1900.	Total deaths from all causes.	Deaths from— Tuberculosis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Northampton, Mass	Apr. 12	18,643	5	1										
Omaha, Nebr	do	102,555	30											
Oneonta, N. Y	do	7,147	0											
Palmer, Mass	do	7,801	5											
Philadelphia, Pa	do	1,293,697	494	59		4				14	2	11	1	2
Pittsburg, Pa	do	321,616	155	15						9	1	1	9	1
Plainfield, N. J	do	15,369	4	1										
Portland, Me	do	50,145	19	2		1								
Providence, R. I	do	175,597	70	11								3		
Quincy, Mass	do	23,899	7	1		2							1	
Reading, Pa	Apr. 14	78,961	26	2										
Rutland, Vt	Apr. 12	11,499	2											
Sacramento, Cal	Apr. 5	29,282	10	1										
Salt Lake City, Utah	Apr. 12	53,531	22	2								2		
San Francisco, Cal	Apr. 6	342,782	163	19						1		3		1
San Jose	Mar. 29	21,500	4											
Do	Apr. 5	21,500	5	2										
Santa Barbara, Cal	do	6,587	2	1										
Shreveport, La	Apr. 12	16,013	4	1										
Sioux Falls, S. Dak	do	10,266	2	1										
Somerville, Mass	do	61,643	24	4								1		
South Bend, Ind	do	35,999	12	3						1				
Springfield, Mass	Mar. 29	62,059	19	2						1	1			
Do	Apr. 5	62,059	10											
Steelton, Pa	Apr. 12	12,068	7							1				
Tacoma, Wash	Apr. 6	37,714	9	1										
Taunton, Mass	Apr. 12	31,036	17	3										
Terre Haute, Ind	do	36,673	18	1										
Titusville, Pa	do	8,244	4											
Toledo, Ohio	do	131,822	31	4								1		1
Troy, N. Y	do	60,657		7						4				
Waltham, Mass	do	23,481	13	2										
Warren, Ohio	do	8,529												
Washington, D. C	Apr. 5	278,718	125	16						4	2	1		
Weymouth, Mass	do	11,324	8	2										
Do	Apr. 12	11,324	0											
Williamsport, Pa	do	28,757	6											
Winona, Minn	do	19,714	3											
Worcester, Mass	Apr. 11	118,421	28	2										
Youngstown, Ohio	Apr. 5	44,865	14	2						1				
Do	Apr. 12	44,865	8										2	

Table of temperature and rainfall, week ended April 14, 1902.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	a Excess.	a Defic'ncy.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me	37	1		.73	.37	
Portland, Me	41	1		.70	1.00	
Northfield, Vt	37	3		.45	.45	
Boston, Mass	43	1		.78	1.02	
New Haven, Conn	45		1	.84	.46	
Albany, N. Y	44	0		.56	.24	
New York, N. Y	47		1	.78	1.02	
Harrisburg, Pa	48		2	.77	.43	
Philadelphia, Pa	49		1	.70	.90	
New Brunswick, N. J	48			.84		
Atlantic City, N. J	44	0		.80	.50	
Baltimore, Md	52		2	.83	.67	
Washington, D. C	51		3	.79	.85	
Lynchburg, Va	54		2	.77	.33	
Cape Henry, Va	53		1	1.05		1.05
Norfolk, Va	55		1	.98		.38
Charlotte, N. C	58		4	.82		.22
Raleigh, N. C	58		4	.68	.72	
Kittyhawk, N. C	55		3	1.06	.14	
Hatteras, N. C	55	1		1.12		.02
Wilmington, N. C	60	0		.63	.07	
Columbia, S. C	62		4	.61	.29	
Charleston, S. C	63		3	.82		.42
Augusta, Ga	63		5	.79	.21	
Savannah, Ga	64	0		.84		.44
Jacksonville, Fla	67		1	.66	.24	
Jupiter, Fla	71	1		.63		.63
Key West, Fla	76		2	.28		.28
Gulf States:						
Atlanta, Ga	60		6	.87		.57
Tampa, Fla	71		3	.56		.56
Pensacola, Fla	66		4	.84	.66	
Mobile, Ala	66		4	1.15		.35
Montgomery, Ala	64		4	1.13	.37	
Meridian, Miss	65		5	1.05	.15	
Vicksburg, Miss	64	0		1.40		1.00
New Orleans, La	68		2	1.19	2.11	
Shreveport, La	65		1	1.26		1.06
Fort Smith, Ark	62		6	1.16	.24	
Little Rock, Ark	62		4	1.09	.01	
Palestine, Tex	67		1	1.04		.04
Galveston, Tex	68	0		.65	1.25	
San Antonio, Tex	70		2	.66	1.54	
Corpus Christi, Tex	71		1	.35		.35
Ohio Valley and Tennessee:						
Memphis, Tenn	61		5	1.31		.81
Nashville, Tenn	58		6	1.12		1.02
Chattanooga, Tenn	58		6	1.07		.67
Knoxville, Tenn	57		9	1.19		.99
Lexington, Ky	55		9	.85		.75
Louisville, Ky	55		6	1.10		1.00
Indianapolis, Ind	52		6	.84		.74
Cincinnati, Ohio	53		5	.74		.64
Columbus, Ohio	49		5	.70		.50
Parkersburg, W. Va	52		6	.67	.33	
Pittsburg, Pa	49		3	.63	.97	
Lake Region:						
Oswego, N. Y	41		1	.45	.35	
Rochester, N. Y	42	0		56	.44	
Buffalo, N. Y	41		1	.56	.24	
Erie, Pa	43		3	.56	.54	
Cleveland, Ohio	45		3	49	.51	
Sandusky, Ohio	44		2	.56	.04	
Toledo, Ohio	46		2	.49		.49
Detroit, Mich	45		1	.49		.39
Lansing, Mich	44		2	56		.46
Port Huron, Mich	40	2		.42		.22
Alpena, Mich	36	4		.42		.32
Sault Ste. Marie, Mich	35	3		.35		.15
Marquette, Mich	36	0		.47		.07
Escanaba, Mich	35	3		.49		.39
Green Bay, Wis	41		1	.57		.57
Grand Haven, Mich	43		3	.56		.56
Milwaukee, Wis	42	0		.63		.63
Chicago, Ill	44		2	70		.70
Duluth, Minn	36	0		.55		.35

a The figures in this column represent the average daily departure.

Table of temperature and rainfall, week ended April 14, 1902.—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	a Excess.	a Defic'ncy.	Normal.	Excess.	Deficiency.
Upper Mississippi Valley:						
St. Paul, Minn	43		1	.54		.54
La Crosse, Wis	46		4	.49		.49
Dubuque, Iowa	47		3	.63		.63
Davenport, Iowa	48		4	.63		.63
Des Moines, Iowa	49		5	.59		.59
Keokuk, Iowa	50		4	.72		.72
Springfield, Ill	51		5	.83		.83
Cairo, Ill	57		5	.91		.81
St. Louis, Mo	55		5	.84		.84
Missouri Valley:						
Columbia, Mo	55		9	.70		.70
Springfield, Mo	55		5	.85		.45
Kansas City, Mo	53		5	.65		.65
Topeka, Kans	55		7	.56		.46
Wichita, Kans	56		4	.67		.47
Concordia, Kans	54		6	.51		.51
Lincoln, Nebr	50		4	.57		.37
Omaha, Nebr	49		5	.68		.48
Sioux City, Iowa	45		3	.70		.50
Yankton, S. Dak	45		3	.70		.60
Valentine, Nebr	46		4	.65		.65
Huron, S. Dak	44		4	.70		.70
Pierre, S. Dak	46		2	.45		.25
Moorhead, Minn	39	1		.53	1.57	
Bismarck, N. Dak	40	0		.49		.39
Williston, N. Dak	40	0		.29	.11	
Rocky Mountain and Plateau Region:						
Havre, Mont	42	0		.21		.21
Helena, Mont	43		5	.27		.27
Miles City, Mont	45		1	.21		.21
Rapid City, S. Dak	44		4	.49	.01	
Spokane, Wash	47		5	.30		.10
Walla Walla, Wash	51		5	.35		.35
Baker City, Oreg	41		1	.28		.28
Winnemucca, Nev	46		2	.21		.21
Pocatello, Idaho	46			.35		
Boise, Idaho	49		5	.26		.16
Salt Lake City, Utah	47		1	.56	1.34	
Lander, Wyo	41			.63		
Cheyenne, Wyo	38	0		.28	.62	
North Platte, Nebr	46		2	.50		.30
Denver, Colo	45	1		.42		.22
Pueblo, Colo	49		1	.30		.10
Dodge City, Kans	52		2	.34		.14
Oklahoma, Okla	61		5	.56	2.24	
Amarillo, Tex	54		2	.34	.86	
Abilene, Tex	66	0		.60	.20	
Santa Fe, N. Mex	44	8		.14		.14
El Paso, Tex	63	3		.00	.00	
Phœnix, Ariz	66	4		.07		.07
Yuma, Ariz	69	3		.00	.00	
Pacific Coast:						
Seattle, Wash	49		2	.67		.07
Tacoma, Wash	48		4	.84		.04
Portland, Oreg	50		6	.82	.48	
Roseburg, Oreg	49		1	.63		.03
Eureka, Cal	49	1		1.05		.35
Red Bluff, Cal	57	1		.54		.54
Carson City, Nev	47		3	.21		.21
Sacramento, Cal	57		1	.56		.56
San Francisco, Cal	54	2		.51		.51
Fresno, Cal	60		2	.35		.35
San Luis Obispo, Cal	56	4		.51		.51
Los Angeles, Cal	59		1	.35		.35
San Diego, Cal	58	0		.21		.21

a The figures in this column represent the average daily departure.

FOREIGN AND INSULAR.

BARBADOS.

Further concerning smallpox.

BARBADOS, WEST INDIES, *March 31, 1902.*

SIR: I have the honor to inform you that 10 cases of smallpox among the colored people have occurred in the last few days, but the disease has not become epidemic.

I inclose herewith copies of correspondence with the clerk of the general board of health for this colony and a copy of a circular letter just published.

All of the patients have been placed in the quarantine hospital located on Pelican Island, a small island a short distance from the mainland.

All of the ports of the adjacent islands have established quarantine against Barbados on account of smallpox, and steamers going to such ports refuse to take passengers thereto. The ports against which quarantine has been declared at this port appear in the communication to me by the clerk mentioned. Cargoes are loaded and unloaded here as heretofore.

If the disease should become epidemic I will notify the Department by cable, according to the provisions of the consular regulations.

Passengers are accepted from here on steamers bound to the United States or Great Britain, provided that there be no stoppages at adjoining ports where quarantine has been declared against this colony.

Respectfully, S. A. MACALLISTER,
United States Consul.

Hon. ASSISTANT SECRETARY OF STATE.

[Inclosures.]

BARBADOS, WEST INDIES, *March 29, 1902.*

SIR: It is currently reported that cases of smallpox exist in this colony. For my guidance in making reports to my Government, and in granting bills of health, I respectfully request that during the prevalence of contagious or infectious diseases, your honorable board will furnish to me, daily, official information as to number of cases under treatment and number of deaths, if any. I shall also be obliged to receive a report showing the names of places which have been or hereafter may be declared by your board infected ports, with nature of diseases prevailing at such ports. Any other information you may deem useful to me in the proper discharge of my consular duties will be gratefully received.

Respectfully, S. A. MACALLISTER,
United States Consul.

Mr. JAMES SANDERSON, *Clerk of Board of Health.*

BRIDGETOWN, BARBADOS, *March 31, 1902.*

SIR: In reply to your letter to me of the 30th (?) instant, I am forwarding you herewith a circular, which I am sending to-day to the quarantine boards of the several British colonies out here, and which will give you full particulars in respect to the recent cases of smallpox. This circular is also being sent by me to Surg.-Gen. Walter Wyman, in charge of the U. S. Marine-Hospital Service at Washington, to whom it has

been my practice to communicate any quarantine matters occurring here or in the West Indies. I will give you any further information which you may require.

The places now quarantined by this colony are: Colon, Panama, Para, Pernambuco, Rio de Janeiro, and St. Jean, St. Laurent and Mana in French Guiana for yellow fever and smallpox, and Bombay, Calcutta, Cape of Good Hope, Hongkong, Manila, Mauritius, Naples, Oporto, Port Said, and Rio de Janeiro for plague.

Respectfully,

JAS. SANDERSON,
Clerk General Board of Health and Quarantine Board.

GENERAL MACALLISTER, *United States Consul, Barbados.*

Circulars sent to quarantine boards and consuls in West Indies.

BARBADOS, WEST INDIES, *March 31, 1902.*

On the evening of the 21st instant 1 of the parochial medical officers for Bridgetown was called to see a woman named Florence Hope, residing in an isolated hut on Brittons Pasture, about 1½ miles from town. He found her suffering from smallpox, and on the following morning she, and all those in the house with her, were sent to the quarantine hospital, and the hut and its contents burnt. Immediate steps were taken to ascertain who had been in contact with Hope, and as fast as those persons were discovered they were sent to the quarantine station, and no effort is being spared to ascertain if any other persons had been in contact with her, and if so to get hold of them.

Hope lived in Chelsea Lane, quite near to Millar, the man mentioned in my circular of February 25 as having been landed from Halifax by the steamship *Oruro* with smallpox, and she is believed to have been 1 of those who came in contact with him, but got away when she found all "contacts" were being sent to the quarantine station.

On the 27th instant a woman named Harewood, living next door to Millar's residence, developed smallpox, and was at once sent to the quarantine station; and on the 29th another woman, from Sobers Lane, a suburb of Bridgetown, was sent to the quarantine hospital, thought to be suffering from that disease, but it is doubtful if it is not glass pox.

The total number of persons at the quarantine station last night was 38, of whom 10 have smallpox, 1 supposed smallpox, and 27 "contacts." The 8 persons with smallpox, other than Hope and Harewood, are Hope's mother, 3 children, 3 sisters, and a connection.

Every effort has been and still is being made by my board to keep this outbreak localized, and a medical man and a sanitary inspector patrol Chelsea Lane and Brittons Hill every day.

The bills of health are being indorsed. All the royal mail and other steamers have quarantined the port.

Should your colony impose quarantine against arrivals from here will you let me know by first steamer coming this way?

1. What will be the length of the quarantine period, and will it count from the day the vessel or persons leave here?
2. In the case of persons, will they have to undergo their quarantine at a station, or on a vessel?
3. If at a station, will there be separate accommodation for men and women—first, second, and third (deckers) class?
4. What will be the charge per person, per day, for each class, and will that charge cover everything? If not, for what will extra charges be made, and what will they be?
5. Will a vessel with passengers and cargo from here be admitted to pratique, on getting rid of passengers, and (or) cargo?
6. Will a vessel loaded here in quarantine and taking a certificate to that effect be admitted to free pratique, should she have no person on board from here?

When replying please affix the number of the question to the answer.

St. Jean and St. Laurent du Maroni and Mana, in French Guiana, have been declared infected with yellow fever; Cayenne will probably be so declared at the next meeting of my board.

JAS. SANDERSON,
Clerk, Quarantine Board.

Smallpox under control.

BARBADOS, WEST INDIES, *April 3, 1902.*

SIR: I have the honor to inform you that only 1 case of smallpox occurred here since March 30.

It is generally believed that there is no further danger of the disease spreading. There are now 11 cases isolated at Pelican Island, the quarantine station.

There has been but 1 death—that of a man who contracted the disease at Halifax and introduced it here. He died about four weeks ago.

There is no danger at present that the disease will become epidemic.

Respectfully, S. A. MACALLISTER,
United States Consul.

Hon. ASSISTANT SECRETARY OF STATE.

BRITISH GUIANA.

Yellow fever at Paramaribo and Cayenne.

DEMARARA, BRITISH GUIANA, *March 29, 1902.*

SIR: I have to state for the further information of the Department, concerning yellow fever at Paramaribo and Cayenne as per my cables of January 16 and March 27, that at Paramaribo, up to March 1, there were 31 cases and 21 deaths from the disease. There were no new cases between March 1 and the morning of March 24 when clean bills of health were issued.

On the afternoon of the same date the physician in charge of the hospital was taken ill with the fever.

The acting United States consular agent at Paramaribo, who is the British consul there, advised this office on the 27th that the British vice-consul at Cayenne had reported 34 cases and 23 deaths in that colony, viz, 32 cases and 21 deaths in the Maroni district at St. Laurent, 1 case and 1 death at Mana, and 1 case and 1 death at the port of Cayenne. Quarantine regulations exist at this port against shipping from both Paramaribo and Cayenne.

Respectfully, GEO. H. MOULTON,
United States Consul.

Hon. ASSISTANT SECRETARY OF STATE.

CANADA.

Smallpox in New Brunswick and Quebec.

DEPARTMENT OF STATE,
Washington, D. C., April 14, 1902.

SIR: I have the honor to inclose for the information of the U. S. Marine-Hospital Service, copy of a dispatch from the commercial agent at Rimouski in regard to the prevalence of smallpox in New Brunswick and the Province and city of Quebec.

Respectfully, DAVID J. HILL,
Acting Secretary of State.

Hon. SECRETARY OF THE TREASURY.

[Inclosure.]

RIMOUSKI, QUEBEC, *April 7, 1902.*

SIR: Dr. J. A. Pineault, deputy health inspector for the counties of Gaspe and Bonaventure, informed me he had just been on an inspection through those 2 counties and found the smallpox well scattered through the small towns, especially along the shores of Baie des Chaleurs. In one small place in Gaspe County he found 61 cases, and in one place in Bonaventure County with over 100 cases.

I inclose a clipping from the Montreal Star in regard to smallpox in the city of Quebec. As this city is visited by a very large number of Americans in the summer,

and Baie des Chaleurs by salmon fishermen in the spring, they should have notice of this before exposing themselves to the danger of smallpox. * * *

Respectfully, CHARLES A. BOARDMAN,
United States Commercial Agent.

Hon. ASSISTANT SECRETARY OF STATE.

CHINA.

Cholera in Canton.

(No. 161.)

CANTON, CHINA, *February 24, 1902.*

SIR: I am sorry to have to report to you that cholera, of the true Asiatic type, has made its appearance in Canton. The following report thereon has been presented to me by Dr. John M. Swan, of the American Medical Mission:

CANTON, CHINA, *February 24, 1902.*

SIR: I have the honor to report to you that within the past few days there have come to my notice at least 3 bona fide cases of cholera. While isolated from each other and of rather sporadic form, yet the fatal termination in each case, after manifesting the ordinary symptoms of true Asiatic cholera, leads me to the opinion that we should be on the sharp lookout for any further spread of this fatal disease in Canton.

True Asiatic cholera is so rare in this vicinity that its appearance is likely to cause alarm. Hence the importance of facts rather than rumor alone, so I shall endeavor to keep you posted in regard to any further developments relating to the presence of cholera. There is much complaint by the Chinese with regard to the water they are now obliged to use, many of the wells in the city having failed. If rain comes soon and the water supply improves, I think there is little danger of a real cholera outbreak. If there is no rain within the next few weeks we may expect to see a good many cases of the disease.

Respectfully, JOHN M. SWAN,
Surgeon in Charge of Medical Missionary Society's Hospital.

Hon. ROBERT M. MCWADE, *United States Consul, Canton.*

Dr. Swan is one of the most eminent physicians in China, and has had considerable experience in the treatment of the plague, cholera, smallpox, leprosy, and other diseases peculiar to the East. He is most conservative in his statements, and any official report emanating from him ought to be accepted unhesitatingly.

We have had no rain in this section for several months, and, apart from the possibility of the rice crop being ruined by the drought, and much suffering, a famine may be entailed thereby. Medical men and others who have been residents of Canton for many years fear an early outbreak of the plague if we do not soon have heavy rainfalls. The water of the Canton River and of the wells in Shameen and Canton has a decided saline taste, and all of the tributary rivers and creeks are very low. I am glad to be able to inform you, however, that there has not been a case of plague in Canton or its immediate vicinity this season. Mr. F. A. Morgan, commissioner at this port of the imperial Chinese maritime customs, reported to me this morning that a number of bodies of Chinese victims of the plague and several patients in its last stages have been quietly sent here by the authorities of Hongkong within the past few days. On arrival here the bodies are immediately buried in hermetically sealed coffins by the members of the 2 Chinese benevolent organizations, the Oi Yuk Tong and the Kwong Sai native hospital.

The latest reports from Shui Tung are that the plague is still prevalent there and that upward of 400 deaths therefrom have occurred in that locality.

I herewith confirm the following cablegram sent to-day relating to the foregoing:

SECRETARY OF STATE, *Washington, D. C.:* Several deaths Asiatic cholera, Canton. No plague.—MCWADE.

Respectfully, ROBERT M. MCWADE,
United States Consul.

Hon. ASSISTANT SECRETARY OF STATE.

CANTON, CHINA, *March 3, 1902.*

SIR: In further continuation of my No. 161, regarding an outbreak of cholera, I have the honor to report as follows:

On Friday, February 28, 1902, I learned through several reliable sources that a large number of deaths had occurred through cholera in the most densely populated portion of Canton. On that date 2 deaths of Europeans occurred in Shameen, 1 young Englishman employed in the Chinese imperial maritime customs service and the other Lieut.-Commander E. A. Baird, of H. B. M. gunboat *Britomart.* On the previous afternoon Baird was playing tennis; on that night he dined with some friends in Shameen and returning to his boat before midnight was suddenly attacked with acute pain; he shortly afterward became unconscious and his death occurred ten hours later.

I cabled you on that date as follows:

SECRETARY OF STATE, *Washington, D. C.:* Asiatic cholera increasing. Captain Baird, British gunboat *Britomart*, victim.—MCWADE.

I have to-day, March 3, 1902, received the following official report from Dr. John M. Swan, which fully explains itself:

CANTON, CHINA, *March 3, 1902.*

SIR: Referring to my letter to you of February 23, in which I reported that I had up to that date seen 3 cases of true Asiatic cholera in Canton, I have now to report that during the past week I have seen 3 more cases, each of them in the algid stage when I first saw them and each proving fatal. I have also received reliable information as to the existence of 10 other cases, all of them ending fatally. The cause, in each of the cases I have seen, and in several of the other cases reported to me, was either due to drinking unboiled river water or partaking of pork that had previously been injected with river water. I have been making careful inquiry as to the prevalence of cholera in and about Canton but can get no information showing that the disease is generally prevalent or that there are more than 1 or 2 cases occurring in any one locality. There is no evidence as yet that the disease is epidemic. In fact many of the Chinese to whom I have addressed inquiry seem to have no knowledge of the prevalence of cholera. I have also not been able to hear of a single case of plague thus far this year.

Respectfully, JOHN M. SWAN, M. D.,
Surgeon in Charge of Medical Missionary Society's Hospital.

Hon. ROBERT M. MCWADE, *United States Consul.*

I have also the honor to add that Superintendent Lindberg, of the municipal police, reported to me this morning that for the past eight days upward of 30 deaths have occurred daily through cholera in that part of Canton immediately adjoining the little creek which divides Shameen from Canton.

The deaths in almost every instance are directly traceable to the river and well water which the natives use without boiling. In the case of Lieutenant Commander Baird, however, he admitted before becoming unconscious that he had drunk some milk which had not been boiled. Almost all the wells in the city are dried up and whatever water is obtained from them is foul smelling and has a stale, salty taste. Of the

water in the Canton river, same description will apply. No rain has fallen here for months; the creeks are drying up rapidly. The rice crop will likely prove a total failure unless heavy rainfalls occur within the next few days. Although this is termed the rainy season, it is the driest season experienced in south China for the last seventeen years.

Respectfully, ROBERT M. MCWADE,
United States Consul.

Hon. ASSISTANT SECRETARY OF STATE.

COSTA RICA.

Yellow fever at Limon.

[Cablegram.]

LIMON, COSTA RICA, *April 17, 1902.*

Three cases yellow fever, death yesterday.—CARSON.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

CUBA.

Reports from Cienfuegos, Casilda, and Santa Cruz del Sur.

CIENFUEGOS, CUBA, *April 14, 1902.*

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to transmit the following weekly report of transactions in the district under my command, for the week ended April 12, 1902: Eighteen deaths have occurred in this city. Of these, 8 occurred in the civil hosipital. No contagious diseases reported. Causes of death: Tuberculosis, 4; insufficiency, mitral, 3; paludism, 2; myelitis, 1; enteritis, 1; gangrene, 1; cancer, 1; congenital debility, 1; tetanus, infantile, 1; hemorrhage, cerebral, 1; pernicious fever, 1; Bright's disease, 1. Death rate per 1,000 inhabitants, 23.46. Eleven vessels inspected and passed, granted free pratique; 4 vessels admitted without inspection; 13 alien steerage passengers inspected and allowed to land, and 17 bills of health issued to vessels prior to departure.

Casilda.—Acting Asst. Surg. Alejandro Cantero reports 7 deaths in the city of Trinidad. No contagious diseases reported; 12 vessels inspected and passed, granted free pratique; 11 bills of health issued vessels prior to departure, and no alien steerage passengers landed at that port.

Santa Cruz del Sur.—Acting Asst. Surg. Pedro M. Quevedo reports, for the week ended March 29, no deaths at that port, and 5 vessels inspected and passed, granted free pratique; 3 bills of health issued to vessels prior to departure, and no alien steerage passengers landed at that port.

Santa Cruz del Sur.—Acting Asst. Surg. Pedro M. Quevedo reports, for the week ended April 5, 1 death at that port. No contagious diseases reported in that vicinity; 5 vessels inspected and passed, granted free pratique; 6 bills of health issued to vessels prior to departure, and no alien steerage passengers landed at that port. Recapitulation of weekly reports from Santa Cruz del Sur for the month from February 23 to March 29 as follows: one death at that port; no contagious diseases

reported; 24 vessels inspected and passed, granted free pratique; 23 bills of health issued to vessels prior to departure, and no alien steerage passengers landed at that port during period.

Respectfully, FELIX GIRALT,
Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Reports from Matanzas, Isabela de Sagua, and Caibarien.

MATANZAS, CUBA, *April 10, 1902.*

SIR: I have the honor to transmit herewith the usual report of the transactions of the Service in the second quarantine division of the island of Cuba for the week ended April 5, 1902.

Thirteen deaths were reported in the city of Matanzas during the period covered by this report. The principal causes of death were as follows: Broncho-pneumonia, 3; congenital debility, 2; heart disease, 2; entero-colitis, 1; meningitis, 1; malignant pustule, 1; other causes, 3. The annual death rate per 1,000 was, therefore, 13.97. Six vessels entered the port during the week, 2 of which were inspected and passed and 4 passed without inspection. Five bills of health were issued. One case of varicella was reported by the municipal health authorities.

Cardenas.—Acting Asst. Surg. Enrique Saez reports the entry of 12 vessels during the week at the port of Cardenas, and that 13 bills of health were issued during the same period. Eleven deaths were reported by the municipal authorities, indicating a death rate of 23.10 per 1,000 per year.

Isabela de Sagua.—Acting Asst. Surg. Garcia Riera reports the entry of 18 vessels, 4 of which were inspected and passed. Thirteen bills of health were issued during the week. Seven deaths were reported, showing a mortality of 17.11 per 1,000. No case of a particularly contagious character was reported.

Caibarien.—Acting Asst. Surg. Leoncio Junco reports the arrival of 9 vessels, all of which were passed without inspection. Seven bills of health were issued. Three deaths were reported, showing a death rate of 18.10.

Respectfully, G. M. GUITÉRAS,
Passed Assistant Surgeon, U. S. M. H. S.,
In Command.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Reports from Nuevitas, Puerto Padre, Gibara, Banes, and Baracoa.

NUEVITAS, CUBA, *April 7, 1902.*

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to submit the following report for the quarantine district under my command, for the week ended April 5, 1902:

Six vessels arrived at this port and 7 bills of health were issued to vessels prior to departing. The mortuary report for the week is 1 death, due to pulmonary tuberculosis, and the sanitary condition is good.

Puerto Padre.—Report shows the arrival of 5 vessels, the issuance of 6 bills of health, 2 deaths—pulmonary phthisis, 1; typhoid fever, 1—and good sanitary condition.

Gibara.—Reports show 9 arrivals, 10 bills of health issued, no deaths, and good sanitary condition.

Banes.—Report shows 4 arrivals and good sanitary condition.

Baracoa.—Report delayed.

No quarantinable disease is reported at any point in the district.

Respectfully, OWEN W. STONE,
Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

NEUVITAS, CUBA, *April 7, 1902.*

SIR: I have the honor to submit inclosed reports of transactions at some of the subports of the quarantine district under my command, as follows:

Baracoa.—Weekly report of vessels arrived, weekly abstract of bills of health issued, and weekly report of arrival of alien steerage passengers for the week ended March 29, 1902, also report of immigrants inspected in the month of March, 1902.

Gibara.—Report of immigrants inspected in the month of March, 1902.

Puerto Padre.—Report for the week ended April 5, 1902.

Respectfully, OWEN W. STONE,
Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Reports from Nuevitas, Puerto Padre, Gibara, and Baracoa.

NUEVITAS, CUBA, *April 14, 1902.*

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to submit the following report for the quarantine district under my command, for the week ended April 12, 1902:

Eight vessels arrived at this port and 7 bills of health were given to vessels prior to departing. The mortuary report shows 1 death from enteritis. The sanitary condition is good.

Puerto Padre.—Report shows the arrival of 4 vessels, 4 bills of health issued, 2 deaths; tuberculosis, 1; inanition, 1, and good sanitary condition.

Gibara.—Report shows 15 vessels arrived, 12 bills of health issued, no deaths and good sanitary condition.

Baracoa.—Report shows 6 vessels arrived, 5 bills of health issued, 3 deaths—pulmonary tuberculosis, 1; valvular insufficiency, 1; ill-defined cause, 1—and good sanitary condition.

No quarantinable disease reported at any point in the district.

Respectfully, OWEN W. STONE,
Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

NUEVITAS, CUBA, *April 14, 1902.*

SIR: I have the honor to submit inclosed reports of transactions at some of the subports of the quarantine district under my command, as follows:

Gibara.—Weekly report of vessels arrived, weekly abstract of bills of

health issued, and weekly report of arrival of alien steerage passengers in the week ended April 5, 1902.

Baracoa.—Reports as above for the week ended April 5, 1902.

Respectfully, OWEN W. STONE,
Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Reports from Santiago, Manzanillo, Guantanamo, and Daiquiri.

SANTIAGO DE CUBA, *April 4, 1902.*

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to submit herewith the following report for the week ended March 29, 1902:

Santiago.—During this period there was a total of 14 deaths reported, making the annual rate mortality for the week 16.9 per 1,000. The causes of death were as follows: Tubercle of lungs, 2; syphilis, 2; diseases of the spinal cord, 1; endocarditis, acute, 1; organic diseases of the heart, 1; angina pectoris, 1; bronchitis, chronic, 1; asthma, 1; diarrhea and enteritis (under 2 years), 1; diarrhea and enteritis, chronic, 1; Bright's disease, 1; malformation, 1. During the week 9 vessels were inspected and passed on arrival, 6 vessels were passed without inspection, and 1 vessel was boarded and passed on master's certificate. Twelve vessels received bills of health prior to leaving port.

On March 25, 1902, the provisional flag steamship *Maria Herrera* was disinfected prior to sailing for Porto Rico. Fifteen nonimmune certificates were issued to passengers embarking for Porto Rico; 61 pieces of baggage were disinfected and 9 pieces inspected and passed.

Manzanillo.—Acting Asst. Surg. R. de Socarras reports a total of 6 deaths due to the following causes: Tubercle of lungs, 1; cerebral congestion and hemorrhage, 1; cerebral softening, 1; tetanus, infantile, 1; diarrhea and interitis (under 2 years), 1; diarrhea and interitis (2 years and over), 1. Annual rate of mortality for the week, 21.57 per 1,000. During the week 6 vessels were inspected and passed on arrival, 1 vessel was passed without inspection, and 12 vessels received bills of health prior to leaving port.

Guantanamo.—Acting Asst. Surg. H. S. Caminero reports a total of 3 deaths, due to the following causes: Fever, pernicious malarial, 1; meningitis, simple, 1; affections of the stomach, 1. Annual rate of mortality for the week, 8.66 per 1,000. During the week 6 vessels entered port, of which 1 was inspected and passed and 5 passed without inspection. Three bills of health were issued to vessels leaving port.

Daiquiri.—Acting Asst. Surg. Juan J. de Jongh reports the following: Week ended March 22, 1902. One death, due to pernicious malarial fever (hemorrhagic). Three vessels were inspected and passed on arrival and 4 vessels received bills of health.

Week ended March 29, 1902. No deaths reported. Three vessels were inspected and passed and 3 bills of health issued.

Respectfully, R. H. VON EZDORF,
Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital.

Inspection of immigrants at Santiago for the week ended March 29, 1902.

SANTIAGO DE CUBA, *March 29, 1902.*

SIR: I herewith submit report of alien steerage passengers arriving at this port during the week ended March 29, 1902.

Date.	Vessel.	Where from.	No. of immigrants.
Mar. 24	Provisional flag steamship Tomas Brooks.	Port au Prince, Haiti	8
Mar. 29	Provisional flag steamship Julia	San Juan, P. R.	6
Do.	Haitien schooner Euphise	Port au Prince, Haiti	2
	Total		16

Respectfully,

R. H. VON EZDORF,
Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Report of immigrants inspected at the port of Santiago de Cuba during the month of March, 1902.

Total number of immigrants inspected, 75; number passed, 75.

R. H. VON EZDORF,
Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Report of immigrants inspected at the port of Manzanillo, Cuba, during the month of March, 1902.

Total number of immigrants inspected, 2; number passed, 2.

R. DE SOCARRAS,
Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

ENGLAND.

Report from Liverpool—Report on the vaccination act of 1898.

LIVERPOOL, ENGLAND, *March 29, 1902.*

SIR: I have the honor to state that for the week ended March 29, 1902, there were reported to the local health authorities, 4 cases smallpox, 10 enteric fever, 78 scarlet fever, 21 diphtheria, and 24 measles.

To-day I visited the steamship *Quernmore*, of the Johnston Line, running to Baltimore, and vaccinated those of the officers, crew, and cattlemen who had not been recently successfully vaccinated.

I inclose herewith 2 reports made by Dr. Hope, medical officer of health for Liverpool, on the present outbreak of smallpox and the vaccination act.

Respectfully,

CARROLL FOX,
Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

[Inclosure.]

The vaccination act, 1898.

PUBLIC HEALTH DEPARTMENT,
Liverpool, England, February 13, 1902.

Pursuant to the resolution of the health committee of January 30, 1902, requesting the medical officer to report upon the above act, the medical officer would, in the first place, observe that the vaccination acts, which are applicable to the whole country, can not be altogether gauged by their influence in Liverpool alone, and in making the recommendations which he is about to submit for the consideration of the committee, he has had some regard to the results of the operations of the acts in other places. There is good reason for this, since, as the prevalence of smallpox in other parts of the country, however remote, is liable to affect Liverpool, this city is more or less directly concerned that the population shall be efficiently vaccinated in other parts of the country as well as within the city.

1. Smallpox is not a disease which is confined to any one class, nor is it a disease which can be controlled by general sanitary measures, apart from vaccination. Hence, one of the most important requirements in an amended vaccination act is, the transference of the control of vaccination from the boards of guardians, who at present exercise it, to the sanitary authorities. At present the control of smallpox (apart from the question of vaccination) is a duty belonging to the sanitary authority; the provision of hospital accommodation, the isolation of contacts, the ambulance arrangements, disinfection of dwellings, clothing, etc., detection of infected persons, and in fact every measure to combat the disease, excepting vaccination, is already in the hands of the sanitary authority, but all these measures will be futile, however rigorously and at whatever cost they may be applied, without efficient vaccination.

(*a*) The sanitary authority deals with the entire population, irrespective of their social or pecuniary condition, in all matters affecting health.

The boards of guardians, on the other hand, with the exception alluded to, discharge obligations only in regard to the poor. If smallpox were a disease confined to the poor, there would be some grounds for leaving the control of vaccination in the hands of the guardians, but inasmuch as it will attack any unvaccinated person, whatever his social condition may be, it is obvious that smallpox has no exclusive relationship with poverty. It is anomalous that the only certain means of safeguarding the public from the dangers of smallpox should not be in the hands of the body which is responsible for the public health.

(*b*) In Liverpool, where primary vaccination of infants is as effectually if not more effectually carried out than in any other district in the country, the necessity for the transfer of the entire vaccination staff from the various boards of guardians to the sanitary authorities is less urgent than in most other places, owing to the careful manner in which the duties have been dealt with by the boards of guardians in this city, but even in Liverpool, if the proposed transference were made, revaccinations would be facilitated, and carried out in a more systematic manner. It is the health department which receives the first intimation that revaccination is necessary, owing, maybe, to an outbreak of smallpox in the house or establishment, and the inevitable delay in communicating through the proper channels with the officers of another body involves loss of valuable time.

Again, some singular instances have arisen in which persons have entertained the erroneous view that vaccination at the cost of the guardians places them in the category of recipients of relief. This sentiment, foolish as it no doubt is, has proved an obstacle in the way of getting a number of persons revaccinated.

These observations apply with greater force in other districts, where difficulties in the way of administering the act are very much greater than they are here.

2. It is necessary that additional provision should be made for facilitating revaccination. This must be made compulsory in all houses or establishments where a case of smallpox has occurred, unless the inmates are, in the opinion of a legally qualified medical practitioner, already sufficiently protected.

A requirement that all persons employed in or about smallpox hospitals, disinfecting stations, ambulances, etc., should be revaccinated before entering upon their duties is also necessary.

3. Clause 38 of the Liverpool corporation bill now before Parliament reads as follows:

"Any person who, when applied to by the medical officer of health for the city or by any officer acting on his behalf and on his instructions for information as to any dangerous or infectious disease, withholds any information in his possession or knowingly gives false information shall be liable to penalty not exceeding forty shillings."

The introduction, with the necessary modifications, of a clause such as this into a general vaccination act would be very valuable.

4. It is deserving of careful consideration whether stations for the preparation of vaccine should not be established under government supervision in some of the larger provincial centers. There are good reasons for such a course.

5. With regard to the much-discussed clause in the act of 1898 as to exemption of conscientious objectors from penalties, the medical officer would again take occasion to point out that the object which the royal commission had in view in suggesting such a clause was that vaccination would be facilitated. The carefully expressed views of the royal commission upon this subject must commend themselves, at least to the extent of insuring a fair and liberal trial to the proposal. The medical officer having carefully considered the clause and its result, doubts whether it is productive of any good which can be weighed in the balance against the risk to which the unvaccinated children are exposed. It can not be denied that conscientious objections to legal requirements are not confined to the subject of vaccination only, yet the law has not dealt with the objector so tenderly in other circumstances.

It may be urged, however, that the conscientious objectors to vaccination are numerically so insignificant as to be negligible. The obvious unsoundness of such a proposition as this needs no illustration.

The section does derive importance from the mistaken impression which it is apt to give that the legislature shares some at least of the responsibility of depriving children of the protection from smallpox which vaccination affords. Nothing is farther from the intention of the royal commission than this—as may be inferred from the following paragraph in their report:

"After careful consideration and much study of the subject, we have arrived at the conclusion that it would conduce to increased vaccination if a scheme could be devised which would preclude the attempt (so often a vain one) to compel those who are honestly opposed to the practice to submit their children to vaccination, and at the same time leave the law to operate, as at present, to prevent children remaining unvaccinated owing to the neglect or indifference of the parent."

E. W. HOPE.

Report from Liverpool.

LIVERPOOL, ENGLAND, *April 5, 1902.*

SIR: I have the honor to state that for the week ended April 5, 1902, there were reported to the local health authorities, 4 cases of smallpox, 1 of which was imported from New York; enteric fever, 14; scarlet fever, 78; diphtheria, 15, and measles, 14.

On April 4, 1902, I visited the steamship *Sachem*, of the Warren Line, and vaccinated those of the officers, crew, and cattlemen who had not been recently successfully vaccinated.

Respectfully,

CARROLL FOX,
Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Report from London.

LONDON, ENGLAND, *April 4, 1902.*

SIR: I have the honor to report that for the week ended March 29, there were issued from this office 6 bills of health and on the boats obtaining them 168 persons were vaccinated. In one instance the crew had been vaccinated by the companies' surgeon. The smallpox situation remains about the same.

Respectfully,

A. R. THOMAS,
Passed Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Smallpox at North Shields.

NEWCASTLE-ON-TYNE, ENGLAND, *April 1, 1902.*

SIR: I have the honor to report an outbreak of smallpox in this consular district. Within the past two months there have been 35 cases and 2 deaths at North Shields (population, 51,514) and within the past three months 15 cases at South Shields (population, 103,532) and 6 cases have also been imported into the river Tyne from incoming vessels. There have been so far no cases in this city. The disease is not considered as yet as epidemic.

Respectfully,

HORACE W. METCALF,
United States Consul.

Hon. ASSISTANT SECRETARY OF STATE.

GERMANY.

Health of Berlin—Weekly death rate.

BERLIN, GERMANY, *April 7, 1902.*

SIR: I have the honor to report that the health of Berlin during the week ended March 22 remained good. The mortality rate was somewhat lower than during the foregoing week, viz, 16 per 1,000 of the inhabitants, and was, therefore, lower than in two-thirds of the other large cities in Germany, and considerably lower than in London, Paris, and Vienna. The participation of children in their first year in the mortality was almost the same as in the second March week. Acute diseases of the intestines occurred somewhat less frequently, causing 31 deaths Acute diseases of the respiratory organs, on the other hand, increased, claiming 76 victims, as compared with 66 in the foregoing week. A considerable increase took place in the number of deaths from consumption, namely, from 81 to 100 in this week. Cases of diphtheria continued to be of rather frequent occurrence, causing 5 deaths. There was no important change in the number of cases of measles and scarlet fever, the former causing 6, the latter 4 deaths. There were registered 3 deaths from influenza, as compared with 7 in the foregoing week.

Respectfully,

FRANK H. MASON,
United States Consul-General.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Medical examinations in Germany.

BERLIN, GERMANY, *April 7, 1902.*

SIR: I have the honor to submit herewith a synopsized translation of the regulations in force in the German Empire, for the examinations of physicians.

Respectfully,

FRANK H. MASON,
United States Consul-General.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

[Inclosure.]

German Empire.

[Synopsized translation.—Instructions concerning the examinations of medical men.—Published Berlin, May 28, 1901.]

BERLIN, GERMANY, *April 7, 1902.*

A. AUTHORITIES GRANTING APPROBATIONS.

Section 1. The central authorities of the respective countries.

B. INSTRUCTIONS REGARDING THE PROOF OF QUALIFICATION AS MEDICAL MEN.

Sec. 2. Approbation is granted to those who have fully passed the medical examination and the one year of practice.

I. MEDICAL PRELIMINARY EXAMINATION.

Secs. 3–5. Same must be passed at the university where studying, exceptions only in special cases; not more than 4 candidates are examined at a time.

Sec. 6. Application for admission to the examination must be accompanied by a certificate of competency from a German gymnasium or real gymnasium. Certificates of a foreign school may only be admitted as an exception.

Sec. 2. With the application is to be sent proof that the student has studied five semesters (half years) at a German university.

In exceptional cases, the time of study may have been spent for studying a branch similar to medicine, or at a foreign university.

Secs. 8–19. Proof of having taken part in microscopic-anatomic studies and physiological and chemical practical training is to be produced.

The examination comprises I–VI anatomy, physiology, physical-chemical science, zoology, and botany. It is public and lasts four consecutive days. The subjects of examination are specified in section 12½. Section 14 deals with the marks and their calculation. Anyone failing twice is not readmitted for examination. Section 18 specifies the fees, etc.

B. MEDICAL EXAMINATION.

Sec. 20–58. The examination can be made before any examining commission at any university. Applications must be accompanied by the necessary certificates as to the preliminary examinations. Exceptions granted for same hold good. At least four half years of studies must have elapsed since the preliminary examination and proof been produced that the candidate (section 25½) has for two half-years practiced in the medicinal, surgical, and obstetrical clinique, has unassistedly treated 4 women at childbirth, in presence of a professor; has, for half a year, worked in an eye hospital, medical polyclinique, the infant clinique or polyclinique and special hospitals or polycliniques for throat, nose, ear, skin, and syphilitic diseases; has made studies in vaccination, and gained the required technical practice and knowledge of the lymph; and having attended at lectures on topographical anatomy, pharmocology and criminal medical science. The application for examination must be accompanied (section 26½) by a *curriculum vitæ* giving a course of the studies and (unless coming up for examination as soon as having finished studying), a certificate of good conduct. The examination comprises (section 28 I–VIII) general and pathological anatomy, medicine, surgery, obstetrics, eyes, lunacy, hygiene, etc.

Only 4 candidates may be examined together. The course of the examinations and requirements are specified in sections 30–47. If the candidate fails in one or the other subject, he can come up for examination in that part after a period of two months to one year, according to his marks. If he does not come up for examination within three years, is considered to have failed entirely. Whoever fails twice is not admitted again. Section 58 contains specification of the fees amounting to 200 marks (about 50 dollars) altogether.

III. YEAR OF PRACTICE.

Secs. 59–62. After having passed his examination, the candidate has to practice for one year at a university clinique, etc., or special designated hospital in the German Empire, of which time at least a third is to be devoted chiefly to internal diseases. The candidate may choose the place, but without permission not change it more than twice. The time of practice may also be passed with a suitable medical man, for which the sanction of the imperial chancellor is to be obtained.

C. GRANTING APPROBATION.

Secs. 63, 64. At the end of the year of practice, the candidate applies to the respective central authority inclosing all required papers (see section 63).

D. DISPENSATION.

See section 65 containing a list of paragraphs dealing with same.

E. FINAL AND INTERMEDIATE INSTRUCTIONS.

Secs. 66–70. This decree is to come in force October, 1901. Some instructions regarding men already studying, etc., are then given, dealing with those who pass the preliminary examination before October 1, 1903. From October 1, 1903, the above instructions are in force in their entirety, throughout the Empire.

HAWAIIAN ISLANDS.

Report of transactions on outgoing vessels at Honolulu.

HONOLULU, H. I., *March 31, 1902.*

SIR: I have the honor to report the outgoing quarantine transactions at this station for the week ended March 29, 1902, as follows: Number of steamers inspected and passed, 2; number of sailing vessels inspected and passed, 3; number of cabin passengers inspected and passed, 86; number of steerage passengers inspected and passed, 21; number of crews inspected and passed, 34; number of pieces baggage disinfected, 52; number of sailing vessels disinfected, 3.

Respectfully,

L. E. COFER,
Passed Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer, Hawaii.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

End of plague at Honolulu—Removal of restrictions on outgoing vessels.

HONOLULU, H. I., *April 2, 1902.*

SIR: I have the honor to inform you that on account of the fact that no new cases of plague have occurred in Honolulu during the past thirty days, I have this day removed the restrictions on outgoing traffic subject to the precautions referred to in the circular letter sent to the shipping houses here, a copy of which letter I inclose. The restrictions which have been in vogue here for the past five months will be promptly resumed when the health conditions make such action necessary.

Respectfully,

L. E. COFER,
Passed Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer, Hawaii.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

[Inclosure.]

HONOLULU, H. I., *April 1, 1902.*

SIRS: I have to inform you that until further notice all restrictions on outgoing traffic at this port are removed. While it is hoped that it will not be necessary ever to resume these restrictions, yet events in the past have proved that such measures may have to be inaugurated at any time.

It would therefore be unwise to suddenly discontinue the precautions which have been instituted at such an expenditure of money and time and which must have a bearing in protecting the health and therefore the monetary interests of Honolulu. I have therefore to ask your aid in the continuation of the wharf fumigation, the standing off

from the wharves of all vessels, the weekly cleaning and burning of rubbish collected on the wharves, and the disinfection of all vessels arriving here prior to this date.

It will be seen that such a course would not only carry on in a degree highly creditable to the town the crusade against disease as originally outlined, but in the event conditions demanded the resuming of outgoing restrictions the latter could be adopted with the least amount of confusion, annoyance, and notoriety. This office has received very valuable cooperation from the business interests in its endeavors to operate the quarantine here, and this acknowledgment is given with thanks.

Case of smallpox on transport Sheridan at Honolulu.

HONOLULU, H. I., *April 9, 1902.*

SIR: I have the honor to inform you that the U. S. transport *Sheridan*, from San Francisco en route to Manila, arrived here this morning with a case of smallpox on board in the person of a soldier. The case was discovered shortly after leaving San Francisco and was immediately isolated, and every one on board vaccinated. The sick man, those directly exposed, and those presumably exposed were taken to the quarantine station to be detained fourteen days. The ship was ordered into quarantine where she will remain until her coal supply can be replenished. No one will be allowed ashore except the first cabin passengers.

Respectfully,

L. E. COFER,
Passed Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer, Hawaii.

The SURGEON-GENERAL,
U. S. Marine Hospital Service.

ITALY.

Reports from Naples—Smallpox in Naples and Palermo—Cholera in Djiddah.

NAPLES, ITALY, *March 31, 1902.*

SIR: I have the honor to report that for the week ended March 29, 1902, the following ships were inspected at Naples:

March 24, the steamship *Auguste Victoria*, of the Hamburg American Line, bound with passengers and cargo for New York. There were inspected and passed 627 steerage passengers and 65 pieces of large baggage; 900 pieces of baggage were disinfected by steam. The steamship *Marco Minghetti*, of the Italian General Navigation Company, bound with passengers and cargo for New York. There were inspected and passed 842 steerage passengers and 36 pieces of large baggage; 700 pieces of baggage were disinfected by steam.

March 26, the steamship *Citta di Milano*, of the Veloce Line, bound with passengers and cargo for New York. There were inspected and passed 1,472 steerage passengers and 120 pieces of large baggage; 1,500 pieces of baggage were disinfected by steam. The steamship *Hesperia*, of the Anchor Line, bound with passengers and cargo for New York. There were inspected and passed 680 steerage passengers and 68 pieces of large baggage; 1,200 pieces of baggage were disinfected by steam.

March 27, the steamship *Trojan Prince*, of the Prince Line, bound with passengers and cargo for New York. There were inspected and passed 983 steerage passengers and 90 pieces of large baggage; 1,100 pieces of baggage were disinfected by steam.

March 28, the steamship *Trave*, of the North German Lloyd Steam-

ship Company, bound with passengers and cargo for New York. There were inspected and passed 709 steerage passengers and 85 pieces of large baggage; 950 pieces of baggage were disinfected by steam.

Inspection at Palermo.

At Palermo for the week ended March 29, 1902, the following ship was inspected: March 28, the steamship *Trojan Prince*, of the Prince Line, bound with passengers and cargo for New York. There were inspected and passed 133 steerage passengers; 242 pieces of baggage were disinfected by steam.

Smallpox at Naples.

During the week ended March 29, 1902, there were officially reported at Naples 13 cases of smallpox with no deaths.

Smallpox in Palermo.

During the past fortnight there have been 20 cases of smallpox at Palermo with 2 deaths.

Asiatic cholera in Arabia.

Reports from Constantinople dated March 26, 1902, state that during the past week there were 11 deaths from Asiatic cholera at Medina, 523 at Mecca, and 17 at Djiddah. The total number of deaths from the beginning of the epidemic is 1,129. It is reported that the flight of pilgrims to Djiddah from Mecca is very large. The pilgrims number 240,000. On one day, March 19, it is recorded that 280 deaths occurred among these devotees at Mecca. The steamships are avoiding Djiddah.

Respectfully, J. M. EAGER,
Passed Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Smallpox in Naples—Cholera in Arabia—Plague in Egypt.

NAPLES, ITALY, *April 7, 1902.*

SIR: I have the honor to report that for the week ended April 5, 1902, the following ships were inspected at Naples:

April 3, the steamship *Lombardia*, of the Italian General Navigation Company, bound with passengers and cargo for New York. There were inspected and passed 1,257 steerage passengers and 60 pieces of large baggage; 1,200 pieces of baggage were disinfected by steam. Steamship *Aller* of the North German Lloyd Steamship Company, bound with passengers and cargo for New York. There were inspected and passed 803 steerage passengers and 90 pieces of large baggage; 950 pieces of baggage were disinfected by steam.

April 4, the steamship *Patria*, of the Fabre Line, bound with passengers and cargo for New York. There were inspected and passed 1,087 steerage passengers and 82 pieces of large baggage; 1,400 pieces of baggage were disinfected by steam.

Smallpox at Naples.

During the week ended April 5, 1902, there were officially reported at Naples 7 cases of smallpox with no deaths.

Asiatic cholera in Arabia.

Reports from Jedda give the information that during the week ending March 29, 1902, 928 deaths from Asiatic cholera occurred at Mecca and 61 at Djiddah. From Cairo it is reported that during the same period 1,127 deaths occurred in the Hedjaz from cholera.

Bubonic plague in Egypt.

For the week ended March 29, 1902, there were reported 9 cases of bubonic plague in the villages of Lower Egypt, with 2 deaths. There were 8 deaths from the same cause at Dechna, in Upper Egypt. Since the beginning of the epidemic a year ago, there have been in all Egypt 369 cases of bubonic plague, with 215 deaths.

Respectfully, J. M. EAGER,
Passed Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL, *U. S. Marine-Hospital Service.*

JAPAN.

Report from Yokahoma.

YOKOHAMA, JAPAN, *March 25, 1902.*

SIR: I have the honor to transmit herewith an abstract of the bills of health issued at this port during the week ended March 22, 1902.

There were inspected 6 ships with 494 crew, 26 cabin and 621 steerage passengers; 443 persons were bathed and their baggage was disinfected.

During the week there occurred in this city 2 cases of typhoid fever, 2 cases of diphtheria with 1 death, and 1 case of dysentery.

Respectfully, J. SPENCER HOUGH,
Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL, *U. S. Marine-Hospital Service.*

NEW BRUNSWICK.

Inspection service at St. John.

ST. JOHN, NEW BRUNSWICK, *April 14, 1902.*

SIR: I have the honor to report that during the week ended April 12, the following vessels and their crews have been inspected by me at this port: Steamships, 5; schooners, 16; seamen, 271.

Respectfully, T. DYSON WALKER,
United States Medical Inspector.

The SURGEON-GENERAL, *U. S. Marine-Hospital Service.*

Inspection of immigrants at St. John and Halifax.

ST. JOHN, NEW BRUNSWICK, *April 14, 1902.*

SIR: I have the honor to report that for the week ended April 12 there were inspected 572 immigrants; passed, 560; detained, 12. * * *

During the week ended April 12 there were inspected at the port of Halifax, Nova Scotia, 100 immigrants; passed, 95; detained, 5. * * *

Respectfully, VICTOR G. HEISER,
Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL, *U. S. Marine-Hospital Service.*

NORWAY.

Quarantine against plague-infected cities.

CHRISTIANIA, NORWAY, *April 2, 1902.*

SIR: Inclosed I have the honor to send duplicate copies of a quarantine proclamation, issued by the royal Norwegian governments justice and police department on March 22, 1902. I also send translation.

Respectfully, HENRY BORDEWICH,
United States Consul-General.

HON. ASSISTANT SECRETARY OF STATE.

[Inclosure—Translation.]

Proclamation from the royal Norwegian government's department of justice and police.

CHRISTIANA, NORWAY, *March 22, 1902.*

A royal proclamation was made on the 20th instant, as follows: It is hereby ordered, in compliance with paragraph 2 in law of July 12, 1848, relating to quarantine, that Porto Alegre in Brazil shall, until further notice, be considered infected with the oriental plague, and the quarantine regulations laid down in said law and in circular of October 13, 1900, as regards plague, etc., are to take effect at once. At the same time it is hereby proclaimed that the city of Smyrna in Asia, and places located along the bay of the same name, which in proclamation of January 17, 1901, were declared infected with the plague, shall no longer be considered as so infected. With which all concerned respectfully have to comply. Which is hereby brought to public notice, while it must be remembered that according to prior proclamations of February 1, 1897, June 27 and August 22, 1899, May 23 and July 17, 1900, February 28, August 12, and September 30, 1901, the city of Constantinople in Turkey, Arabia, Persia, India, China, Manila, Formosa, the ports in Egypt, Cape Town, and Port Elizabeth in South Africa, Réunion Islands and Mauritius, also the city of Rio de Janeiro in Brazil shall, until further notice, be considered infected with the oriental plague.

A number of copies of this proclamation are inclosed.

A. QUAM,
GEORG JOHANNESEN.

PHILIPPINE ISLANDS.

Measures taken at Manila to prevent the invasion by cholera from Hongkong.

MANILA, P. I., *March 18, 1902.*

SIR: Confirmatory of my telegram "Cholera, Hongkong, Manila has quarantined," of the 17th instant, I have the honor to inform you that the quarantine laws and regulations of the United States are being enforced against all vessels arriving from Hongkong, and all boats from that port are held in quarantine for a period of time sufficient to make five full days from date of departure. At the completion of this period, if no sickness develops, the steerage passengers and crews, with their effects, are redisinfected and the ship given pratique.

I was informed on the 3d instant by Asst. Surg. J. W. Kerr that cholera was prevalent in Canton and knowing the free communication between that place and Hongkong I expected daily to receive reports that the disease had appeared in the latter place. Upon advice that cholera was present in Hongkong and that the prospects were not good, a telegraphic inquiry was sent to Assistant Surgeon Kerr on the 15th instant, and as his answer showed that the conditions were grave and that a further increase of the disease was expected, I immediately notified the local agents of the Hongkong boats that all vessels would be detained in quarantine.

Copies of telegrams and letter to steamship agents are respectfully inclosed for your information.

Respectfully,

J. C. PERRY,
Passed Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer for the Philippine Islands.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

[Inclosures.]

MANILA, P. I., *March 16, 1902.*

KERR, *Hongkong:* Notify agents vessels Hongkong detained in quarantine Marivales complete five days.

J. C. PERRY,
Passed Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer for the Philippine Islands.

MANILA, P. I., *March 16, 1902.*

KERR, *Hongkong:* Bill of health shows cholera 8. Inquire fully about cholera Hongkong and wire me here. Manila can not take any risk. If prospects bad will quarantine.

J. C. PERRY,
Passed Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer for the Philippine Islands.

HONGKONG, *March 16, 1902.*

PERRY, *Manila:* Hongkong has developed 12 cases of cholera since March 8. Prospects bad. Seven foreign deaths Canton. Expect there will be further spread.—KERR.

MANILA, P. I., *March 17, 1902.*

SIRS: In view of the fact that 12 cases of cholera have occurred in Hongkong since the 12th instant and a further spread of the disease is expected, I have the honor to inform you that all vessels arriving from Hongkong will be quarantined upon arrival at ports in the Philippine Islands for a sufficient period of time to complete five days from date of sailing. You will please notify your agents in Hongkong that all vessels for Manila must call at Marivales for this detention.

Vessels for Australian ports taking passengers in Hongkong, making Manila a port of call, are subject to the same regulations.

You are also informed that articles of merchandise that can not be certified to by Dr. Kerr, in Hongkong, if brought, can not be landed and will be returned to Hongkong.

Respectfully,

J. C. PERRY,
Passed Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer for the Philippine Islands.

STEAMSHIP AGENTS, *Manila, P. I.*

Quarantine transactions during February, 1902.

MANILA, P. I., *March 18, 1902.*

SIR: I have the honor to hereby submit report of the quarantine transactions of the quarantine service for the Philippine Islands for the month of February, 1902, as follows:

PORT OF MANILA.

Bills of health issued—	
To United States ports	9
To foreign ports	52
To domestic ports	211
Total	272

Number of vessels inspected—	
From foreign ports	50
From domestic ports	224
Total	274
Number of passengers inspected—	
Cabin	1,008
Steerage	6,963
Total	7,971
Number of crew inspected	9,174
Number persons quarantined for observation	7
Number persons bathed and effects disinfected	1,001
Number of persons detained at quarantine station	1,032
Number of persons vaccinated—	
Crew	537
Passengers	279
Total	816
Number of infected vessels disinfected	2
Number of vessels disinfected for killing rats	19
Number of pieces of baggage disinfected and so labeled	5,828
Number of pieces of baggage inspected and passed	1,961

PORT OF CEBU.

Number of bills of health issued	2
Number of vessels inspected—	
From foreign ports	3
From domestic ports	67
Total	70
Number of passengers inspected—	
Cabin	173
Steerage	1,468
Total	1,641
Number of crew inspected	2,943

PORT OF ILOILO.

Number of bills of health issued	3
Number of vessels inspected—	
From foreign ports	7
From domestic ports	22
Total	29
Number of passengers inspected—	
Cabin	146
Steerage	754
Total	900
Number of crew inspected	1,577

Respectfully, J. C. PERRY,
Passed Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer for the Philippine Islands.

The SURGEON-GENERAL,
U. S. Marine Hospital Service.

PORTO RICO.

Reports from San Juan and subports—Transactions for March, 1902.

SAN JUAN, P. R., *April 7, 1902.*

SIR: I have the honor to submit herewith the following report embracing the quarantine transactions at San Juan and the 6 subports of the island, for the month of March, 1902:

San Juan.—Number of vessels inspected, 28; number of bills of health issued, 35; number of vessels held in quarantine, 3; number of vessels disinfected, none; number of persons detained at the quarantine station, none; number of pieces of baggage disinfected, 26; number of packages of mail disinfected, 2; persons vaccinated, none.

There arrived and departed upon the 1st instant French steamship *Fournel*, from Port Limon and Haitien ports. This vessel brought no cargo or passengers for Porto Rico and she was allowed to take cargo for ports in Europe under guard.

The provisional flag steamship *Julia* entered upon the 19th on her regular schedule from Cuban and Dominican ports, having undergone, as usual, disinfection at Santiago de Cuba. She brought no passengers requiring detention or baggage for disinfection, and was therefore granted free pratique.

On the 20th the Spanish steamship *Ciudad de Cadiz* arrived from Havana, Port Limon, Colon, Baranquilla, Puerto Cabello, La Guayra, and Ponce. Bills of health presented by this vessel were clean and the 10 passengers for this port were considered immune and permitted to land. The vessel was held in quarantine under guard while here to detain passengers in transit for Havana. One package of mail was removed to the station and subjected to formalin disinfection.

On the 21st the French steamship *Ferdinand de Lesseps* arrived from Port au Prince, Petit Goave, Gonaives, and Cape Haitien. All bills of health clean. She carried no passengers or mail for this port. The ship was detained in quarantine under guard while here.

On the 28th the provisional flag steamship *Maria Herrera*, from Cuban and Dominican ports (her regular monthly schedule), entered. All passengers for this port were permitted to land, being considered immune. Twenty-six pieces of baggage and 1 sack of mail embarked at Puerto Plata were taken to the island and disinfected with steam and formalin. As the vessel had been disinfected at Santiago de Cuba she was granted free pratique.

I inclose herein the vital statistics of San Juan.

The smallpox situation in San Juan gives no cause for alarm. This is also true of all other localities of this island in which the disease has made its appearance. The disease is of exceedingly mild type, no deaths being reported. Reports relative to the number of cases, the localities of same, etc., have been and will be made the subject of separate reports from time to time.

The following embraces a summary of the reports received from the several subports as to vessels inspected during March, 1902: Mayaguez, 10; Arecibo, 3; Humacao, 5; Aguadilla, 4; Fajardo, none; Arroyo, 3.

The following is a report of the mortality at the subports during March, 1902: Mayaguez, 98; Arecibo, 73; Humacao, 45; Aguadilla, 35; Fajardo, 37; Arroyo, 10.

Nothing unusual is reported from the subports.

Respectfully, H. S. MATHEWSON,
Passed Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer for Porto Rico.

The SURGEON-GENERAL, *U. S. Marine-Hospital Service.*

[Inclosure.]

Vital statistics of San Juan, P. R., for the month of March, 1902.

Anæmia	2	Nephritis	2
Asystolia	4	Pernicious fever	1
Athrepsia	8	Pleurisy	1
Broncho-pneumonia	5	Puerperal fever	1
Cachexiæ	2	Pulmonary emphysema	2
Cancer of the uterus	2	Pulmonary tuberculosis	7
Cancer of the throat	1	Pulmonary hemorrhage	1
Cardiac lesion	3	Rhachitis	2
Diarrhoea	1	Rupture of the heart	1
Debility	1	Tetanus	2
Eclampsia, post-partum	1		
Encephalitis	2	Total	76
Endo-carditis	1		
Enteritis	7	March, 1901—	
Entero-colitis	4	Births	71
Gastro-enteritis	6	Deaths	38
Meningitis	2	March, 1902—	
Myelitis	1	Births	88
Mitral insufficiency	2	Deaths	76
Murdered	1		

Reports from Ponce—Transactions for March, 1902.

PONCE, P. R., *April 7, 1902.*

SIR: Through the chief quarantine officer for Porto Rico, I have the honor to transmit herewith the quarantine and abstract of bills of health reports for the week ended April 5, 1902. Also the summary of transactions of this station and mortality report of the city for the month of March, 1902.

During the week 3 vessels were inspected and passed and 6 bills of health were issued to outgoing vessels.

Of the 6 cases of smallpox reported in last week's letter the local board of health states that 4 were varicella, and these have been discharged and 6 new cases entered. Of the 2 admitted cases of smallpox, 1 has been discharged. It is common talk that there is a large number of concealed cases rather generally scattered among all classes of people, but the board of health seems unable to find them. Even the cases in their hospital are not on the official report of the board. The disease is generally spoken of as "varicella," and possibly some of it is, but I think the majority is smallpox.

Respectfully,

W. W. KING,
Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

[Inclosure.]

Mortality statistics—Number and causes of deaths in Ponce jurisdiction (city, playa, and surrounding country) during the month of March, 1902.

PONCE, P. R., *April 7, 1902.*

Diseases of—			
Digestive system	26	Senile cachexiæ	1
Respiratory system	5	Cancer	4
Circulatory system	5	Tetanus, traumatic	1
Nervous system	14	Dysentery	2
Anæmia, malnutrition, inanition	11	Puerperal fever	3
Malaria	10	Uræmia	3
Tuberculosis	8	Unknown causes	1
Hepatitis	1		
Rhachitis	1	Total	96

Number of deaths reported during March, 1902 (a)	96
Number of deaths reported during March, 1901 (a)	127
Number of births reported during March, 1902 (a)	149
Number of births reported during March, 1901 (a)	66

a These figures are for the city proper, the playa, and surrounding district of Ponce, P. R.

Summary of transactions of service during the month of March, 1902.

PONCE, P. R., *April 7, 1902.*

Total number of vessels inspected during March, 1902	18
Total number of vessels inspected during March, 1901	16
Total number of bills of health issued during March, 1902	36
Total number of bills of health issued during March, 1901	29
Number of passengers inspected during March, 1902 (incoming)	201
Number of passengers inspected during March, 1902 (in transit)	344
Number of crew inspected during March, 1902	845
Number of vessels in quarantine during March, 1902	4
Number of immigrants inspected during March, 1902	40
Rejections	0
Number of pieces of baggage disinfected during March, 1902	91
Number of pieces of baggage inspected and passed during March, 1902	82
Number of sacks of mail disinfected during March, 1902	3

Inspection of immigrants at Ponce for the week ended April 5, 1902.

PONCE, P. R., *April 7, 1902.*

SIR: Through the chief quarantine officer for Porto Rico, I submit herewith report of alien steerage passengers arriving at this port during the week ended April 5, 1902. April 2, steamship *Maracaibo*, from Maracaibo and Curaçao, with 1 immigrant. April 4, French steamship *St. Domingue*, from Fort de France and Saint Thomas, with 1 immigrant. Total, 2.

Respectfully,

W. W. KING.
Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Inspection of immigrants at San Juan for the week ended April 5, 1902.

SAN JUAN, P. R., *April 8, 1902.*

SIR: I submit herewith report of alien steerage passengers arriving at this port during the week ended April 5, 1902. April 3, French steamship *St. Simon*, from Havre, Bordeaux, and Saint Thomas, West Indies, with 4 immigrants.

Respectfully,

H. S. MATHEWSON,
Passed Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer for Porto Rico.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Foreign and insular statistical reports of countries and cities—Yearly and monthly.

AFRICA—*Sierra Leone.*—Three weeks ended March 20, 1902. Estimated population, 40,000. Total number of deaths, 50. No contagious diseases reported.

BRAZIL—*Pernambuco.*—Two weeks ended February 28, 1902. Esti-

mated population, 200,000. Total number of deaths, 231, including smallpox, 27, and 40 from phthisis pulmonalis.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 76 great towns in England and Wales during the week ended March 29, 1902, correspond to an annual rate of 18.2 per 1,000 of the aggregate population, which is estimated at 14,862,003.

London.—One thousand six hundred and fourteen deaths were registered during the week, including measles, 54; scarlet fever, 12; diphtheria, 30; whooping cough, 53; enteric fever, 6; smallpox, 61 and diarrhea and dysentery, 11. The deaths from all causes correspond to an annual rate of 18.4 per 1,000. In Greater London 2,177 deaths were registered. In the "outer ring" the deaths included 9 from diphtheria, 6 from measles, 14 from smallpox, and 5 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended March 29, 1902, in the 21 principal town districts of Ireland was 23.7 per 1,000 of the population, which is estimated at 1,092,322. The lowest rate was recorded in Newry, viz, 8.3, and the highest in Kilkenny, viz, 44.7 per 1,000. In Dublin and suburbs 211 deaths were registered, including enteric fever, 2; measles, 1; scarlet fever, 2; whooping cough, 2, and 37 from tuberculosis.

Scotland.—The deaths registered in 8 principal towns during the week ended March 29, 1902, correspond to an annual rate of 20.3 per 1,000 of the population, which is estimated at 1,629,923. The lowest mortality was recorded in Edinburgh, viz, 12.1, and the highest in Aberdeen, viz, 28.4 per 1,000. The aggregate number of deaths registered from all causes was 655, including diphtheria, 6; measles, 14; scarlet fever, 3, and 13 from whooping cough.

ITALY—*Milan.*—Month of February, 1902. Estimated population, 499,683. Total number of deaths, 879, including diphtheria, 7; enteric fever, 14; measles, 10; smallpox, 3, and 71 from tuberculosis.

JAPAN—*Nagasaki.*—Period from March 11 to March 20, 1902. Estimated population, 131,700. Total number of deaths not reported. One death from enteric fever reported.

ST. HELENA.—Two weeks ended March 8, 1902. Estimated population, 3,342. Total number of deaths, 13. No deaths from contagious diseases.

SPAIN—*Valencia.*—Two weeks ended March 31, 1902. Estimated population, 204,000. Total number of deaths, 188, including enteric fever, 2, and 3 from smallpox.

Vigo.—Month of March, 1902. Estimated population, 22,000. Total number of deaths, 45. No deaths from contagious diseases reported.

Cholera, yellow fever, plague, and smallpox, December 27, 1901, to April 25, 1902.

[Reports received by the Surgeon-General United States Marine-Hospital Service from United States consuls through the Department of State and other sources.]

[For reports received from June 29, 1901, to December 27, 1901, see PUBLIC HEALTH REPORTS for December 27, 1901.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Canton	Feb. 24-Mar. 6			Several deaths.
Fat-han	Mar. 22			Raging.
Honan	Apr. 10			Epidemic.
Hongkong	Mar. 6		1	
	Mar. 28	1	1	
Seungshan	Mar. 19			Spreading.
Sheshing	Mar. 29			Reported.
Tung Mun	Mar. 29			Do.
India:				
Bombay	Nov. 28-Mar. 25		50	
Calcutta	Nov. 24-Mar. 22		1,032	
Madras	Nov. 16-Mar. 14		98	
Java:				
Batavia	Nov. 17-Dec. 14	48	27	
Philippine Islands:				
Manila	Mar. 24	18		
Straits Settlements:				
Singapore	Oct. 1-Mar. 8		78	
Turkey:				
Djiddah	To Mar. 27		38	
Mecca	do		788	
Medina	Mar. 6-Mar. 27		381	Among pilgrims.
Rebuk	To Mar. 27		1	

YELLOW FEVER.

Brazil:				
Bahia	Dec. 1-Dec. 7	1	1	
Rio de Janeiro	Nov. 11-Mar. 16		198	
British West Indies:				
Barbados	Dec. 13			Prevalent.
Dutch Guiana:				
Paramaribo	Dec. 1-Jan. 17	11	7	
Dutch West Indies:				
Curaçoa	Feb. 2-Feb. 8	1	1	
French Guiana:				
Cayenne	Mar. 27			Reported.
Jamaica:				
Port Royal	Feb. 9-Mar. 1	4	1	
Mexico:				
Vera Cruz	Dec. 15-Apr. 12	61	40	

PLAGUE.

Africa:				
Lourenço Marquez	Jan. 1-Jan. 31		1	
Mossel Bay, Cape Colony	Dec. 6			Reported.
Zanzibar, Nairobi	Mar. 6			Several cases.
Australia:				
Brisbane	Dec. 1-Dec. 31	1		
Newcastle	Mar. 21			Reported.
Sydney	Jan. 1-Jan. 31		1	
Brazil:				
Pernambuco	April 4			Declared.
Rio de Janeiro	Nov. 11-Mar. 2		105	
China:				
Hongkong	Dec. 8-Mar. 1	4	3	
Yeungkong, Kwangtung	April 12			Epidemic in vicinity.
Shuitung	Feb. 16		100	Declared.
Tsang Shing	To Mar. 9		20	
Egypt:				
Abousair	Mar. 26-Apr. 2	7	2	
Alexandria	do	52	26	
Benha	do	8	3	
Decheneh	do	23	16	
Kafr Enon	do	1	1	

Cholera, yellow fever, etc.—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Egypt—*Continued.*				
Kom-el-Nour	Mar. 26-Apr. 2	27	7	
Korachieh	do	2	1	
Mansourâh	do	1	1	
Minieh	do	5	1	
Mit-Gamr	do	23	14	
Nahtai	do	6	4	
Port Said	do	26	16	
Tantah	do	95	78	
Zagazig	do	77	32	
Ziftah	do	14	12	
Formosa:				
Tamsui	Oct. 1-Nov. 10	44	37	
France:				
Marseille	Dec. 1	1		On ss. Pehio, from Batoum.
Hawaiian Islands:				
Honolulu	Dec. 11-Mar. 17		15	
Kauai, Eleele	Jan. 23-Jan. 24		2	
India:				
Bombay Presidency and Sind:				
Northern Division—				
Ahmedabad City	Nov. 17-Mar. 15	5	5	
Bombay City	do	8,167	6,477	
Broach District	do	2,466	1,730	
Kaira District	do	4,326	2,934	
Surat District and Town	do	1,457	1,131	
Thana District	do	600	511	
Central Division—				
Ahmednagar District	do	48	38	
Khandesh District	do	8,198	6,399	
Nasik District	do	1,268	929	
Poonah District and City	do	5,570	4,676	
Satara District	do	20,388	14,979	
Sholapur District and Town	do	2,007	1,146	
Southern Division—				
Belgaum District	do	17,423	13,319	
Dharwar District	do	16,028	11,798	
Hyderabad Town and District	do	610	507	
Hubli Town	do	24	22	
Kanara District	do	380	219	
Kolaba District	do	251	213	
Ratnagiri District	do		210	
Karachi City and District	do	873	799	
Political Charges—				
Aundh State	do	494	280	
Baroda State	do	2,261	1,545	
Cutch State	do	650	559	
Kathiawar State	do	176	135	
Kolhapur and Southern Mahratta Country	do	14,186	9,703	
Sachin State	do	136	90	
Savanur State	do	628	509	
Outside Bombay Presidency and Sind:				
Madras Presidency	do	6,811	5,728	
Bengal—				
Bhagalpur	do	196	172	
Burdwan Division	do	58	48	
Calcutta	do	2,305	2,065	
Chota Nagpur Division	do	542	451	
Orissa	do			
Patna	do	9,955	7,539	
Northwest Province and Oudh:				
Allahabad Division	do	5,074	4,696	
Benares Division	do	5,948	5,870	
Punjab:				
Delhi Division	do	31,126	24,611	
Jullunder Division	do	27,803	15,958	
Lahore Division	do	20,526	1,262	
Rawalpindi Division	do	11,987	7,877	
Mysore State:				
Bangalore City, District, and Military Station.	do	4,559	3,514	
Chitaldrug District	do	618	670	
Kadur District	do	389	269	
Kolar District and Gold Fields.	do	163	124	
Mysore City and District	do	3,423	2,623	

Cholera, yellow fever, etc.—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India—*Continued.*				
Outside Bombay Presidency and Sind—*Continued.*				
Mysore State—*Continued.*				
Shimoga District	Nov 17-Mar. 15	592	421	
Tumkur District	do	61	50	
Hyderabad State	do	1,536	1,210	
Kashmir:				
Jammu Province	do	6,265	3,326	
Japan:				
Nagasaki	Mar. 13	1		Reported on ss. Taichu Maru from Formosa.
Mauritius	Nov. 29-Jan. 30	227	140	
Philippine Islands:				
Manila	Dec. 1-Dec. 14	5	5	
	Feb. 9-Feb. 22	2	2	
Russia:				
Batoum	Jan. 8	1	1	
Syria:				
Beirut	Jan. 5-Jan. 11	1	1	
Turkey:				
Bagdad	Jan. 16-Jan. 23	6	4	

SMALLPOX.

Argentina:				
Buenos Ayres	Oct. 1-Dec. 31		185	
Austria-Hungary:				
Budapest	Jan. 15-Jan. 21	11		
Prague	Dec. 1-Mar. 29	134		
Barbados	Mar. 30	10		
Belgium:				
Antwerp	Dec. 10-Mar. 29	108	27	
Ghent	Dec. 8-Feb. 22		25	
Liege	Mar. 9-Mar. 15		1	
Brazil:				
Bahia	Jan. 12-Jan. 25	2	1	
Ceara	Dec. 1-Dec. 31		1	
Rio de Janeiro	Nov. 11-Mar. 16		448	
Pernambuco	Nov. 1-Feb. 28		411	
British Columbia:				
Victoria	Jan. 5-Jan. 11	1		
Canada:				
Belleville	Apr. 1-Apr. 12	20	1	
Hamilton	Mar. 1-Mar. 31	1		
Quebec	Dec 15-Apr. 5	508	9	
China:				
Hongkong	Feb. 2-Mar. 8	12	10	One from Swatow on ss. Pelus, and 1 from Straits Settlements on ss. Honey Bee.
Colombia:				
Cartagena	Nov. 25-Mar. 23		34	
Panama	Dec. 17-Mar. 31		35	
Cuba:				
Ciego de Avila, Puerto Principe.	Jan. 12	1		From Canada.
Guantanamo	Feb. 18	1		
Ecuador:				
Guayaquil	Sept. 28-Dec. 7		30	
England:				
Birmingham	Feb. 16-Mar. 29	2		
Bristol	Jan. 5-Jan. 11	1	1	
Leeds	Mar. 9-Apr. 5	4	2	
Liverpool	Dec. 6-Apr. 5	117	4	One from ship from Boston.
London	Dec. 28-Apr. 5	5,258	787	
Manchester	Feb. 16-Feb. 22	1		
Newcastle-on-Tyne	Dec. 22-Jan. 11	6		
North and South Shields	Jan. 19-Mar. 29	26	2	
Plymouth	Feb. 9-Mar. 22	2	1	
Sheffield	Dec. 22-Mar. 22	9		
Southampton	Feb. 16-Mar. 15	2		
Swansea	Feb. 22-Mar, 1	1		
Tottenham	Feb. 22-Mar. 1		1	
West Ham	Feb. 22-Mar. 1		7	
Formosa:				
Tamsui	Oct. 1-Oct. 31	7		
France:				
Lyons	Dec. 1-Dec. 7		1	
Marseille	Dec. 1-Feb. 28		5	
Nantes	do	5		

Cholera, yellow fever, etc.—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
France—*Continued.*				
Nice	Nov. 1-Dec. 31		26	
Paris	Dec. 8-Mar. 29		69	
Rheims	Jan. 6-Mar. 30	63	12	
Roubaix	Feb. 22-Feb. 28		1	
St. Etienne	Feb. 14-Feb. 28	1		
Gibraltar	Jan. 20-Mar. 30	4		
Greece:				
Athens	Jan. 5-Jan. 11	1		
Hawaiian Islands:				
Honolulu	Apr. 9	1		On transport Sheridan.
India:				
Bombay	Dec. 18-Mar. 25		76	
Calcutta	Dec. 1-Mar. 22		51	
Karachi	Nov. 25-Mar. 23	148	39	
Madras	Nov. 16-Feb. 28		24	
Ireland:				
Dublin	Feb. 9-Feb. 15	3		
Italy:				
Caserta	Mar. 24			Many cases.
Milan	Nov. 1-Feb. 28	16	7	
Naples	Dec. 1-Apr. 5	264	21	
Palermo	Dec. 29-Mar. 29	24	19	
Rome	Dec. 15-Jan. 25		5	
Santa Maria Capuavetere	Mar. 24			Do.
Jamaica:				
Kingston	Dec. 22-Dec. 28	1		From Colon.
Port Antonio	Jan. 5-Mar. 1	3		
Japan:				
Nagasaki	Dec. 11-Dec. 20	1		
Liberia:				
Monrovia	Dec. 8-Dec. 14		1	
Malta:				
Valletta	Dec. 11-Feb. 15	12		
Manitoba:				
Winnipeg	Dec. 8-Apr. 12	55		
Mexico:		20		
City of Mexico	Dec. 9-Apr. 12	104	46	
Vera Cruz	Mar. 16-Apr. 12	6	3	
New Brunswick:				
Lynnfield	Jan. 18	1		
Moncton	do	1		
St. John	Oct. 20-Jan. 18	108	23	
Welsford	Jan. 18	1		
Nova Scotia:				
Dartmouth	Mar. 29	5		
Halifax	Sept. 23-Mar. 29	42	6	
Windsor	Dec. 15-Jan. 25	1		
Philippine Islands:				
Manila	Feb. 9-Mar. 1	8	5	
Porto Rico:				
Arecibo	Mar. 8-Mar. 22	61		
Ciales	do	6		
Fajardo	do	1		
Humacao	do	1		
Ponce	To Mar. 24	18		
San Juan	Feb. 1-Mar. 22	20		
Russia:				
Moscow	Nov. 24-Mar. 22	207	69	
Odessa	Dec. 1-Mar 29	67	20	
Riga	Jan. 25-Jan. 31		5	
St. Petersburg	Dec 1-Mar. 29	119	28	
Warsaw	Nov. 24-Feb. 22		11	
Scotland:				
Dundee	Jan. 12-Apr. 5	19		
Edinburgh	Feb. 16-Mar. 8	2		
Glasgow	Dec. 28-Apr. 11	244	47	
Spain:				
Corunna	Dec. 1-Jan. 25		6	
Malaga	Nov. 1-Jan. 31		62	
Valencia	Jan. 1-Feb. 28	415	74	
Straits Settlements:				
Singapore	Oct. 1-Feb. 15		6	
Switzerland:				
Geneva	Mar. 9-Mar. 15	1		
Turkey:				
Smyrna	Mar. 10-Mar. 16		1	
Uruguay:				
Montevideo	Oct. 26-Feb. 28	808	65	
Wales:				
Cardiff	Feb. 2-Feb. 8	1		

Weekly mortality table, foreign and insular cities.

Cities	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from— Tuberculosis	Plague.	Cholera	Yellow fever.	Smallpox	Typhus fever	Enteric fever	Scarlet fever	Diphtheria.	Measles.	Whooping cough.
Acapulco	Mar. 29	6,000	1											
Aix la Chapelle	Mar. 15	138,360	61	3								1		
Do	Mar. 22	138,360	55	3								1		
Alexandretta	do	9,000	4											
Amherstburg	Apr. 5	2,250	1											
Do	Apr. 12	2,250	1											
Amsterdam	Mar. 29	532,871	181	29						1		1	16	4
Do	Apr. 5	532,871	188	30						1		2	19	5
Antwerp	Mar. 29	285,621	97					4	1		1			1
Athens	do	200,000		16									3	1
Bahia	Mar. 1	200,000	108	13						3				
Barmen	Mar. 29	143,500		9							3		2	1
Barranquilla	Mar. 30	40,000	25											
Beirut	Mar. 22	80,000	20											
Belfast	Mar. 29	358,693	151									1	1	6
Belleville	Apr. 7	9,953	6											
Belize	Apr. 4	9,000	1											
Berlin	Mar. 22	1,905,317	602	100						2	4	5	4	
Bombay	Mar. 11	776,006	1,760	152	892	1		7		4			6	
Bremen	Mar. 15	160,823	56	8							2	1	1	
Do	Mar. 22	160,823	66	9							1	1		
Bristol	do	334,632	93									2	1	1
Do	Mar. 29	334,632	112								1	6		1
Brussels	Mar. 22	582,665	199							2		1	1	2
Do	Mar. 29	582,665	160							4				3
Budapest	Mar. 19	729,383								1	2	5	10	1
Do	Mar. 25	729,383									4	5	7	
Calcutta	Mar. 8	847,796	1,089		462	140		10						
Callao	Mar. 9	30,000	26											
Do	Mar. 16	30,000	19											
Cartagena	Mar. 30	8,000	10	2										
Catania	Mar. 29	151,180	63	3					1	1		2		
Do	Apr. 3	151,180	68	1						2				
Christiania	Mar. 29	229,000	45									1		
Coburg	do	21,564	7	2										
Cognac	Mar. 15	19,483	9											
Do	Mar. 22	19,483	4											
Cologne	Mar. 29	383,041	121	15							1	3	1	1
Colon	Apr. 6	8,000	5											
Corunna	Mar. 29	44,000	22	4							2			
Crefeld	do	106,887	33										1	
Curaçao	do	30,828	3											
Dublin	do	379,003	211	46						2	2		1	2
Dundee	do	162,078	61							1		1	1	
Dusseldorf	do	220,786	72	8								2		
Edinburgh	do	322,966	75											
Flushing	do	19,227	4											
Do	Apr. 5	19,227	3											
Frankfort-on-the-Main	Mar. 29	296,900	72								1			
Geneva	Mar. 15	107,484	36							1				
Girgenti	Mar. 22	25,069	13											
Do	Mar. 29	25,069	11											
Glasgow	Apr. 4	760,423	350								2	4	12	6
Halifax	Apr. 12	40,787	14											
Hamburg	Mar. 12	724,835	189							2	3		1	3
Hamilton, Bermuda	Apr. 8	16,013	3											
Karachi	Mar. 9	108,808	122		64			2					5	
Kingston, Canada	Apr. 11	18,300	5											
La Rochelle	Mar. 3	31,553	12											
Do	Mar. 10	31,553	15											
Las Palmas	Mar. 22	49,500	17											
Leeds	Mar. 27	437,036	154	3									2	6
Lausanne	Mar. 22	48,474	11											
Leipzig	Mar. 29	473,903	157								1	1		
Leith	do	78,605	39	3										
Licata	Mar. 22	24,000	14						1	2				
Do	Mar. 29	24,000	11	1						2				
Liverpool	do	692,495	272					1		7	3	8		11
Lyons	Mar. 22	453,145	214									1	2	
London	Mar. 29	6,705,731	2,177					81		10	14	44	70	73
Magdeburg	Feb. 8	228,287	86	5							1	1	5	2
Madras	Mar. 14	509,346	439		1			4					7	
Mainz	Mar. 29	85,000	45	8										3
Manchester	do	550,450	224	26						1	3	8	4	7
Mannheim	do	146,500	45									2	1	
Maracaibo	Mar. 3	50,000	20											

Weekly mortality table, foreign and insular cities—Continued.

Cities	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from— Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Maracaibo	Mar. 10	50,000	29	16										
Do	Mar. 17	50,000	24											
Do	Mar. 24	50,000	22											
Do	Mar. 31	50,000	28											
Mexico	Mar. 30	388,777	431	47				3	51			1	1	4
Moscow	Mar. 22	1,000,000	606	22				3	5	2	11	13	4	2
Newcastle-on-Tyne	Mar. 29	219,021	87	4									1	2
Nuremberg	Mar. 22	268,190	120	22							3	1	2	4
Do	Mar. 29	268,190	111	14							1	1		3
Odessa	do	442,000	160	20				1			2		3	1
Osaka and Hiogo	Mar. 15	263,464	110							1				
Do	Mar. 23	263,464	128									2		
Palermo	Mar. 22	330,000	138	13										
Do	Mar. 29	330,000	109	3				4						
Panama	Mar. 31	20,000												
Do	Apr. 7	20,000												
Paris	Mar. 29	2,660,529	1,079					1		7	3	17	17	13
Port au Prince	Mar. 24	60,000	21											
Do	Mar. 31	60,000	19											
Prague	Mar. 22	227,927	160	32						7		1	6	1
Do	Mar. 29	227,927	145	44						1	2	1	2	1
Quebec	Mar. 12	68,000												
Rheims	Mar. 23	107,989	60	6				2					1	3
Do	Mar. 30	107,989	46	2				2					1	3
Rome	Feb. 8	421,636	190	7						1				
Do	Feb. 16	421,636	162	17										
Do	Feb. 21	421,636	193	20						1				
Do	Mar. 1	421,636	162	17					3					
Rotterdam	Mar. 29	341,381	132							1	4	1		
Do	Apr. 5	341,381	131							1		1		
St. Georges, Bermuda	Mar. 29	2,150	1											
Do	Apr. 5	2,150	2											
St. John, New Brunswick	Apr. 12	40,711	13	4										
St. Petersburg	Mar. 22	1,248,643	727	105					1	18	14	26	13	7
Do	Mar. 29	1,248,643	649	112						13	9	20	11	3
St. Stephen, New Brunswick	Apr. 12	2,840	5											
Santa Cruz, Teneriffe	Mar. 22	33,000	3											
Santander	Mar. 31	53,574	40											
Sheffield	Mar. 22	400,000	136							2		2	7	
Do	Mar. 29	400,000	141								2	6	10	5
Singapore	Mar. 1	97,111	152	6										
Solingen	Mar. 22	15,142	19									1		
Southampton	Mar. 29	107,833	38											
Do	Apr. 5	107,833	40	6									3	1
South Shields	Mar. 29	103,552	37											3
Stettin	Mar. 19	215,206	88								3	1		
Stockholm	Mar. 15	211,000	92	18							1			3
Stuttgart	Mar. 27	186,405	97								1	1	1	2
Do	Apr. 3	186,405	75										1	
Sunderland	Mar. 22	147,983	63	3						1	1			
Do	Mar. 29	147,983	57	3							2		1	1
Trapani	Mar. 22	61,437	11											
Do	Mar. 28	61,437	14											
Trieste	Mar. 15	178,155	87								1		1	
Do	Mar. 22	178,155	109								2	1		
Do	Mar. 29	178,155	101							1		2	4	
Tuxpam	Mar. 31	13,000	13	1										
Venice	Mar. 15	165,350	67	2						1			4	
Vera Cruz	Apr. 5	32,000	32	5			2	2					2	
Vienna	Mar. 22	1,709,211	759	149							5	11	28	4
Do	Mar. 29	1,709,211	776	143							11	8	31	6
Victoria, British Columbia	Mar. 8	21,000	6											
Do	Mar. 15	21,000	4	1										
Do	Mar. 22	21,000	5	1										
Do	Mar. 31	21,000	3											
Warsaw	Mar. 15	711,788	240	40							3	3	1	2
Zurich	Mar. 22	161,782	39								1			
Do	Mar. 29	161,782	62								1		2	1

By authority of the Secretary of the Treasury:

WALTER WYMAN,
Surgeon-General U. S. Marine-Hospital Service.